



PATENT INFORMATION CLEARINGHOUSE

1500 PARTRIDGE AVENUE, BLDG. 7

SUNNYVALE, CALIFORNIA 94087

65
LETTER

FROM

THE SECRETARY OF STATE,

TRANSMITTING

A LIST OF THE NAMES OF PATENTEES, THEIR PLACES OF RESIDENCE,

AND THE

NATURE OF THEIR INVENTIONS OR IMPROVEMENTS,

ACCORDING TO

TO A RESOLUTION

OF

THE HOUSE OF REPRESENTATIVES OF THE UNITED STATES

OF

THE SEVENTH ULTIMO.

JANUARY 14th, 1811.

ORDERED TO LIE ON THE TABLE.

Printed by order of the House of Representatives of the U. States.

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SUNNYVALE, CALIFORNIA 94087
WASHINGTON CITY

PRINTED BY ROGER CHEW WEIGHTMAN.

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1811.

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Do Not Take From This Room

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1811.

Subjects of the Patents.	Names of the Patentees.	Dates of the Patents.
Improved bedstead,	Ludwig Conrad Kuhn,	August 10th, 1791.
Manufacturing boots,	Peter Gordon,	August 10th, 1791.
Propelling boats by cattle,	Henry Voight,	August 10th, 1791.
Manufacturing gunpowder,	Henry Keyser,	August 10th, 1791.
Horizontal hollow water wheel for mills,	James Macomb,	August 26th, 1791.
Improvement of Dr. Barker's mill,	James Rumsay,	August 26th, 1791.
Improved mode of working mills,	James Rumsay,	August 26th, 1791.
Improvement of Savary's steam engine,	James Rumsay,	August 26th, 1791.
Bellows,	James Rumsay,	August 26th, 1791.
Generating steam,	James Rumsay,	August 26th, 1791.
Propelling boats or vessels,	John Fitch,	August 26th, 1791.
Propelling boats, &c. by steam, &c.	Nathan Read,	August 26th, 1791.
Improved boiler of the steam engine,	Nathan Read,	August 26th, 1791.
Improvement in distilling,	John Stevens, jun.	August 26th, 1791.
Boiler for generating steam,		
Improvement in captain Savary's steam engine,	John Stevens, jun.	August 26th, 1791.
Application of steam to work bellows,	John Stevens, jun.	August 26th, 1791.

Subjects of the Patents.	Names of the Patentees.	Dates of the Patents.
<p>Improvement of Savary's steam engine, Machine for cleaning docks or harbours, for spinning cotton, Cleansing whale oil, Spinning and twisting thread, Steam Jack, Hardening and tempering steel, Improvement in making bricks, Canvas conductor to be used when houses are on fire, Weaving of wire,</p>	<p>Englehart Cruse, Peter Zacharie, William Pollard, Benjamin Folger, Obadiah Herbert, John Bailey, David Hartley, David Ridgeway,</p>	<p>August 26th, 1791. November 24th, 1791. December 30th, 1791. January 2d, 1792. January 28th, 1792. February 23d, 1792. February 24th, 1792. March 7th, 1792.</p>
<p>Machine for sawing wood and bark, Preservation of plants from frost, &c. Machine called "The wheel of knives," for shearing & raising the nap on cloths, Hand-mill for picking millstones,</p>	<p>Samuel Green, Timothy Kirk and Robert Leslie, Thomas Farrington, George Morris, Samuel G. Dorr Solomon Hodge and Jonathan Dorr,</p>	<p>March 28th, 1792. May 9th, 1792. May 9th, 1792. July 10th, 1792. October 20th, 1792. October 23d, 1792.</p>

Subjects of the Patents.	Names of the Patentees.	Dates of the Patents.
Improved machine for manufacturing tobacco,	James Caldwell and Christopher Batterman,	January 26th, 1793.
Improvement in wind-mills,	Joseph Pope,	January 26th, 1793.
Manufacturing bricks,	Christopher Colles,	January 26th, 1793.
Improved mode of turning a spit,	Samuel Morey,	January 29th, 1793.
Double pendulum for ships,	Robert Leslie,	January 30th, 1793.
Clock pendulum,	Robert Leslie,	January 30th, 1793.
Double pendulum,	Robert Leslie,	January 30th, 1793.
Manufacturing oiled silk and linen, &c.	Ralph Hodgson,	January 30th, 1793.
Manufacturing rhus or sumach,	Richd. Rosewell Saltonstall	February, 1st. 1793.
Improvement in paper moulds,	John Carnes, jun.	February 28th, 1793.
Furnace for pot and pearl ashes,	Edward Ryan,	April 11th, 1793.
Moulds for claying sugar,	Jonathan Williams, jun.	April 29th, 1793.
Manufacturing rhus or sumach,	Richd. Rosewell Saltonstall	March 13th, 1793.
Stove of cast iron,	Robert Heterick,	May 1st, 1793.
		June 11th, 1793.

NOTE. The patents of Apollos Kinsley and Robert Leslie are omitted here, and placed in the record after September 24th, 1794.

Subjects of the Patents.

Applying and regulating the sails of ships, boats, &c.
 Manufacturing brick and pantile,
 Machine for propelling vessels, &c.
 Disputed claim for a machine to work in a current of water, &c. decided in favor of John Clarke,
 Manufacturing nails,
 Weaving and beating sail duck,
 Impt. in distilling spirituous liquors,
 Round saw,
 Machine for ginning cotton,
 Mode of preventing the progress of fire,
 Impt. in manufacturing paper, &c.
 Composition for flooring houses, &c.
 Impt. in carriages, to be propelled by the mechanical powers,
 Machine for threshing grain, &c.

Names of the Patentees.

Joseph Stacey Sampson,
 Samuel Brouwer,
 Abijah Babcock,
 Daniel Stansbury,
 Apollos Kinsley,
 John Clarke,
 Thomas Perkins,
 James Davenport,
 Joseph Simpson,
 Zachariah Cox,
 Eli Whitney,
 Benjamin Taylor,
 John Biddis,
 Richard Robotham,
 John J. Staples,
 William Hodgson,

Dates of the Patents.

July 5th, 1793.
 August 17th, 1793.
 December 2d, 1793.
 December 31st, 1793.
 February 7th, 1794.
 February 14th. 1794.
 March 4th, 1794.
 March 14th, 1794.
 March 14th, 1794.
 March 23d, 1794.
 March 31st, 1794.
 April 12th, 1794.
 April 25th, 1794.
 April 28th, 1794.

Subjects of the Patents.	Names of the Patentees.	Dates of the Patents.
Construction of bellows,	James Drake,	May 19th, 1794.
Manufacturing of candles,	Richard Robotham,	June 2d, 1794.
Manufacturing cordage,	George Parkinson,	June 16th, 1794.
New mode of grinding bark,	John Markley,	July 19th, 1794.
Impt. in the method of working pumps,	Elisha Rigg,	July 29th, 1794.
Improvement in a steam still,	Alexander Anderson,	September 2d, 1794.
New mode of propelling vessels,	Benjamin Wynkoop,	September 13th, 1794.
Mode of making salt,	James Fennel,	September 24th, 1794.
Improvement in making bricks,	Apollos Kinsley,	February 1st, 1793.
Construction and tone of bells,	Robert Leslie,	February 2d, 1793.
Improvement in Hydraulics,	Joshua Hatheway,	October 29th, 1794.
Improvement in a threshing machine,	James Wardrop,	November 5th, 1794.
Improvement in stills,	John Kincaid,	November 25th, 1794.
Tempering mortar and making bricks,	Apollos Kinsley,	December 20th, 1794.
Machine for cutting nails,	Jacob Perkins,	January 16th, 1795.
Impt. in the mode of breaking hemp & flax,	Samuel Mulliken,	January 15th, 1795.
Impt. in shearing woolen and other cloths,	Samuel Kellogg,	January 31st, 1795.
Machine for cutting nails,	Josiah G. Peerson,	March 23d, 1794.

Subjects of the Patents.	Names of the Patentees.	Dates of the Patents.
<p>New mode of catching Fish, Impt. in the application of steam, Construction of a cabouse, Impt. in the manufacturing of cordage, Improvement in propelling boats, Propelling boats, &c. with horses, Nautical Ventilators, Tinn'd sheet copper condensing worm, Improvement in making nails, Impt. in sawing and polishing marble, &c. Manufacturing seal skins, Removing pains, &c. by metallic points, Raising water by wind, Machine for cleaning wheat, &c. &c. Improvement in tanning leather, Impd. mode of forming a yellow color, Composition of "<i>bilious</i> pills," Machine for cutting nails and brads,</p>	<p>Joseph Ellicott, Samuel Morey, John Youle, John Pitman, Daniel Keller, William Peter Sprague, Benjamin Wynkoop, John Taylor, Jared Byington, Jonathan Diekerson, James Eaton, Elisha Perkins, Samuel Morey, Benjamin Tyler, James Davis, Thomas Bedwell, Samuel Lec, jun. Peter Zacharie,</p>	<p>March 25th, 1795. March 25th, 1795. May 25th, 1795. May 25th, 1795. May 25th, 1795. June 19th, 1795. June 19th, 1795. June 30th, 1795. January 15th, 1796. January 9th, 1796. February 16th, 1796. February 19th, 1796. April 11th, 1796. April 15th, 1796. April 14th, 1796. April 20th, 1796. April 30th, 1796. May 4th, 1796.</p>

Subjects of the Patents.	Names of the Patentees.	Dates of the Patents.
Impt. in manufacturing sumach,	Joseph Hilliard,	May 12th, 1796.
Improvement in bolting-cloths,	Robert Dawson,	May 12th, 1796.
Improvement in the cotton gin,	Hodgen Holmes,	May 12th, 1796.
Cleaning clover and other seeds, &c.	Jonathan Roberts, jun.	February 13th, 1796.
Improvement in piano fortes,	James Sylvanus M'Lean,	May 27th, 1796.
Improvement in burr mill stones,	Oliver Evans,	May 28th, 1796.
New invented steam engine and boiler,	Elijah Backus,	May 31st, 1796.
Stays for removing distortions in the spine,	Lunden M'Kechnie,	July 1st, 1796.
Improvement in sawing and polishing marble, &c.	Joseph Francis Mangin,	July 2d, 1796.
Machine for scouring rice and other grain,	Robert Grant,	October 17th, 1796.
Improvement in making salt,	George James,	November 16th, 1796.
Improvement in manufacturing pot ash,	Edward Ryan,	November 16th, 1796.
Improvement in concentrating the volatile parts of calcareous earth, stones, &c.	John Fowler,	November 16th, 1796.
Improvement in manufacturing cut nails,	Peter Cliff,	November 16th, 1796.
Machine for heading and cutting nails,	Isaac Garretson,	November 16th, 1796.
Improvement in a printing press,	Apollos Kinsley,	November 16th, 1796.

Improvement in splitting sheep skins,
 New method of ruling books and paper,
 Improvement in pumps,
 Manufacturing pot ash,
 Improvement in forging bolts and round iron,
 Improvement in a loom for weaving cloth,
 A "preambulator" for measuring a ship's way,
 Machine for cutting nails,
 Improvement in manufacturing nails,
 Improvement in cutting and heading nails, &c.
 Conjurer for cooking and boiling,
 Improvement in manufacturing cut nails,
 Improvement in manufacturing wrought nails,
 Improvement in heading nails,

James Stansfield,
 Mark Isambard Brunel,
 Theobald Bourke,
 William Frobisher,
 Clement Rentgin,
 Amos Whittemore,
 Amos Whittemore,
 Amos Whittemore,
 John Bigelow, .
 George Chandler,
 Thomas Passmore,
 Daniel French,
 Daniel French,
 Jared Byington,

November 16th, 1796.
 November 16th, 1796.
 November 16th, 1796.
 November 17th, 1796.
 November 17th, 1796.
 November 17th, 1796.
 November 19th, 1796.
 November 19th, 1796.
 November 19th, 1796.
 December 12th, 1796.
 December 23d, 1796.
 December 23d, 1796.
 December 23d, 1796.
 December 23d, 1796.

Subjects of the Patents.	Names of the Patentees.	Dates of the Patents.
Improvement in heading nails,	Jason Frost,	December 23d, 1796.
Machine for separating scoured rice,	James Dellet,	December 23d, 1796.
Improvement in ginning cotton,	Robert Watkins,	December 23d, 1796.
Improvement in ginning cotton,	John Murray,	December 23d, 1796.
Improvement in making soap,	John Nazro,	January 6th, 1797.
Extracting alkali from marine salt, and kelp,	John Nazro,	January 6th, 1797.
Improvement in bridges,	Charles Wilson Peale,	January 21st, 1797.
Improvement in cutting and heading nails,	James Spence,	February 16th, 1797.
Improvement in cutting and polishing marble, &c.		
Improvement in stoves,	Joseph F. Mangin,	February 16th, 1797.
Improvement in scouring or skinning rice,	James McCallmont,	February 20th, 1797.
Improvement in chimneys,	Samuel Mulliken,	February 20th, 1797.
Improvement in bridges,	Richardson Stuart,	February 24th, 1797.
Improvement in cutting and heading nails,	John Fowler,	February 24th, 1797.
Improv't. in mixing colours and painting,	Jesse Kersey,	February 24th, 1797.
Improvement in stoves,	Lawrence Allwine,	February 24th, 1797.
Machine for threshing wheat, &c.	Thomas Hirst,	March 11th, 1797.
	William Booker,	March 11th, 1797.

Subjects of the Patents.	Names of the Patentees.	Dates of the Patents.
Improvement in a tide water wheel,	Silas Betts,	March 18th, 1797.
Improvement in washing cloaths,	Nathaniel Briggs,	March 28th, 1797.
Improvement in stoves,	Caleb Wheaton,	March 29th, 1797.
Improvement in fire engines,	Jesse Kersey,	April 13th, 1797.
Improvement in boring pumps,	Caleb Leach,	April 13th, 1797.
Combinn. of astringt. woods and vegeta- bles, in distilling, &c.	Fitch Hall,	April 17th, 1797.
Improvement in propelling boats and ves- sels, by steam engines,	Jehoshaphat Starr,	April 28th, 1797.
Improvement in propelling carriages.	William Faris,	April 29th, 1797.
Antibilious pills,	Benjamin Duval,	May 3d, 1797.
Improvement in constructing and rigging vessels,	Isaac Garretson,	May 29th, 1797.
Improvement in bridges,	John Suickney,	June 3d, 1797.
Improvement in manufacturing wool-cards, &c.	Amos Whitemore,	June 5th, 1797.
Improvement in looms,	David Grieve,	June 8th, 1797.
Raising a nap on cloths,	Walter Burt,	June 23d, 1797.

Subjects of the Patents.	Names of the Patentees.	Dates of the Patents.
Rollers for slitting and other mills, for rolling iron,	Benjamin Seymour,	June 26th, 1797.
Improvement in straitening iron hoops,	Benjamin Seymour,	June 26th, 1797.
Pendulous bellows, for pumping ships,	Benjamin Wynkoop,	June 26th, 1797.
Improvement in making candles,	Joseph Stacey Sampson,	June 26th, 1797.
Improvement in ploughs,	Charles Newbold,	June 26th, 1797.
Mode of preserving butter,	Moses Johnson,	June 30th, 1797.
Improvement in forming bricks, tiles, &c.	John Hawkins,	July 11th, 1797.
Improvement in extracting teeth,	Thomas Bruff,	July 1st, 1797.
Improv't. in making shingles, boards, &c.	Bill Jarvis,	July 8th, 1797.
Improvement in cutting tobacco,	Apollon Kinsley,	August 12th, 1797.
Improvement in cutting and heading nails,	Jonathan Nevill,	August 12th, 1797.
Improvement in saw-mills,	Henry Dulheuer,	August 18th, 1797.
Improvement in mills,	Jonathan W. Curtiss,	August 24th, 1797.
Improvement in fire places,	Charles Wilson Peale,	November 16th, 1797.
Improvement in saddles,	Thomas Stickney,	November 16th, 1797.
Improvement in breaking dough and paste,	Daniel Pettibone,	November 16th, 1797.
Improvement in threshing grain,	Richard R. Eliot,	November 16th, 1797.

Subjects of the Patents.	Names of the Patentees.	Dates of the Patents.
Improvement in clocks, time-keepers, and watches,	Eli Terry,	November 17th, 1797.
Improvement in making window sashes,	Stephen Parsons,	November 20th, 1797.
Machine for propelling boats,	John Martin,	November 21st, 1797.
Improvement in bridges,	Timothy Palmer,	December 17th, 1797.
A spiral wheel for working in tide water,	Elias Ring,	December 10th, 1797.
A soap-stone stove,	William Payne,	December 10th, 1797.
Improvement in making nails,	Lester Fling,	December 19th, 1797.
Machine for cutting and heading nails,	Nathan Read,	January 8th, 1798.
Improvement in grinding coffee,	Thomas Bruff, senr.	January 8th, 1798.
Machine for printing paper, leather, &c.	John Dixey,	January 24th, 1798.
Improvement in cutting and pointing comb-teeth,		
Improvement in wind-mills,	Isaac Tryon,	February 22d, 1798.
Machine for dipping candles,	Charles Holden,	March 15th, 1798.
Steam saw-mill,	Samuel Blydenburg,	March 22d, 1798.
Mill for sawing boards,	Robert M'Kean,	March 24th, 1798.
Screw engine for throwing water,	Aaron Clarke,	March 30th, 1798.
	Elijah Ormsbee,	March 21st, 1798.

Subjects of the Patents.	Names of the Patentees.	Dates of the Patents.
Improvement in raising water from fountains,	John Manning,	April 10th, 1798.
Regulating the action of the tide on his spiral wheel,	John Martin,	April 27th, 1798.
Machine for raising water,	Mark Isambard Brunel,	April 27th, 1798.
Machine for removing rocks, &c.	Isaac Lazell,	May 18th, 1798.
A double steam engine,	James Smallman and Nicholas J. Roosevelt,	May 31st, 1798.
Machine for threshing wheat, &c.	Thomas C. Martin,	June 2d, 1798.
Machine for propelling vessels,	Charles Stoudinger,	June 2d 1798.
Water wheel Flume for large streams,	Walter Brewster,	June 7th 1798.
An oblique pump,	Jonathan Hunt,	June 7th, 1798.
"A tallow lamp,"	John Love,	June 11th, 1798.
A composition for pills,	Samuel Cooley,	June 6th, 1798.
Improvement in stoves,	John W. Godfrey, and William Lane,	July 14th, 1798.
Method of preserving vessels, &c. from worms,	Raphaelle Peale,	December 14th, 1798.

Subjects of the Patents.	Names of the Patentees.	Dates of the Patents.
Improvement in making bread, Machine for cutting screws, Improvement in manufacturing paper, Pipes and pumps for conveying water, Machine for clearing docks and harbours, for heaving down vessels, raising weights, &c.	William Banks, David Wilkinson, Cyrus Austin, Mark Reeve, Stephen Colver,	December 14th, 1798. December 14th, 1798. December 14th, 1798. December 14th, 1798. December 14th, 1798.
Machine for raising water, Machine for writing with two pens, Method of regulating wind-mills, Machine for making nails, Machine for manufacturing salt, Improvement in a coal stove, Machine for cultivating corn, beans, &c. for planting do.	Stephen Colver, Joseph Huntley, Mark Isambard Brunel, Thomas Thompson, Seth Hart, John Sears, Henry Abbott, Eliakim Spooner, Eliakim Spooner, Ezekiel Reed.	December 14th, 1798. January 10th, 1799. January 17th, 1799. January 3d, 1799. January 4th 1799. January 24th, 1799. January 24th, 1799. January 25th, 1799. January 25th, 1799.
Improvement in a horizontal water wheel, Improvement in Steelyards, Preparation of steel for cutting glass,	Benjamin Dearborn, Benjamin Du Val,	February 14th, 1799. February 14th 1799. February 14th, 1799.

Subjects of the Patents.	Names of the Patentees.	Dates of the Patents.
Improvement in making nails,	Jacob Perkins,	February 14th, 1799.
A flax and hemp mill,	Benjamin Tyler,	February 26th, 1799.
Improvement in casting iron,	William Hancock,	February 26th, 1799.
Extracting oil from cotton seeds,	Charles Whiting,	March 2d, 1799.
Improvement in sharpening axes, &c.	John Shotwell,,	March 16th, 1799.
A check to detect counterfeits,	Jacob Perkins,	March 19th, 1799.
Improvement in propelling boats,	Josiah Shackford,	March 21st, 1799.
Machine for dressing cloth,	Isaac Sauford,	March 27th, 1799.
Obtaining force from water by steam,	Samuel Morey,	March 27th, 1799.
Machine for making combs,	Phineas Pratt,	April 12th, 1799.
Improvement in his water engine,	Samuel Morey,	April 24th, 1799.
Double-centred mill for wind or water,	Benjamin Dearborn,	April 30th, 1799.
New method of cutting clay for tiles,	Andrew W. Duty,	May 8th, 1799.
Machine for raising water,	William Faris,	May 17th, 1799.
"Machine to keep a ship's distance at sea,"	Chester Gould,	May 27th, 1799.
Improvement in making ropes,	Michael Wigglesworth,	June 26th, 1799.
"Bilious Pills,"	Samuel H. P. Lee,	June 26th, 1799.
Improvement in washing cloaths,	Ezra Weld,	June 26th, 1799.

Subjects of the Patents.	Names of the Patentees.	Dates of the Patents.
Napping hats,	James Long,	August 5th, 1799.
Purifying spermaceti oil,	Richard Robotham,	August 14th, 1799.
A capstan fire engine,	Samuel Eli Hamlin,	August 30th, 1799.
Federal baloon,	Moses M ^r Farland,	October 28th, 1799.
Manufacturing of paper,	Robert R. Livingston,	October 28th, 1799.
Universal pump,	Apollon Kinsley,	October 28th, 1799.
Boat for descending rapid streams,	Daniel Keller,	November 5th, 1799.
Pumps for ships, mines, &c.	John Stickney,	Novem. 29th, 1799.
Saw mill,	Thomas Payne,	December 2d, 1799.
Extracting oil from Palma Christi,	John G. Gebhard,	February 4th, 1800.
Hawks's pills,	John Hawks,	Decem. 14th, 1799.
Runners and bows for sleighs and sledges,	Abijah Wilder,	Decem. 14th, 1799.
Improvement in mills,	Haviland Chase,	Decem. 16th, 1799.
"Effeminate ropery for spinning rope yarn,"	John Pitman,	Decem. 24th, 1799.
Improvement on stoves and grates,	Oliver Evans,	January 16th, 1800.
Machine for spinning rope yarn and twine,	Stephen Gorham,	February 4th, 1800.
Composition to preserve wood, brick, &c.	Silas Constant,	February 4th, 1800.
Machine for pounding rice, gunpowder, &c.	Benjamin Bolitho,	February 7th, 1800.

Subjects of the Patents.	Names of the Patentees.	Dates of the Patents.
Metal boxes for wood or iron to turn in, Improvement in piano fortes, Methd. of covering salt vats from the weather, Extracting the essence of sumack, fera, etc. for tanning, Engine for throwing water, Raising or lifting hides in tanning, Improvement in grist mills, Improvement in dyeing blue, Lathe or loom for weaving, Machine for manufacturing sumack, Improvement in coach collars, Stop cock, Improvement in the manufacture of boots and shoes, Improveint. in the elastic truss for ruptures, Engine for reducing silk, cotton, worsted,	William Shotwell, John J. Hawkins, Hattil Killey, 2d, Nathaniel Ladd, Patrick Lyon, James Cox, Benjamin Tyler, John Percy, William Harris, Comfort Hoyt, jun. William Hottensteen, Peter Walker, Dean Howard, Silas Stone,	February 7th, 1800. February 12th, 1800. February 12th, 1800. February 12th, 1800. February 12th, 1800. February 20th, 1800. February 20th, 1800. March 3d, 1800. March 15th, 1800. April 7th, 1800. April 10th, 1800. April 10th, 1800. April 10th, 1800. May 6th, 1800.

Subjects of the Patents.	Names of the Patentees.	Dates of the Patents.
cloth, and to their original state to be manufactured,	John Biddis, Simeon Jocelin,	May 6th, 1800.
Silent moving time keeper,		May 8th, 1800.
Improvements in the construction of ships and vessels,	Jeremiah Brown, George Hadfield, Edward West,	May 14th, 1800.
Machine for making bricks and tiles,		May 15th, 1800.
Metal amulets,	Thomas O. Harrison, Robert Smith,	May 19th, 1800.
Machine for splitting hides and skins,		May 19th, 1800.
Mould board of a plough,	William Shotwell, Peter Lorillard,	June 24th, 1800.
Cogs, etc. for pullies, etc.		June 28th, 1800.
Machine for cutting tobacco,	James Deneale, jun. Peter Lossing,	July 10th, 1800.
Kiln for drying grain,		August 4th, 1800.
Improvement in burning lime, etc.	Frederick Butler, Frederick Young,	August 22d, 1800.
Machine for cooking,		August 23d, 1800.
Machine for cutting and heading nails, “Lavater,” machine for washing and wringing cloaths,	Ezra Weld, Jonathan Kilborn,	Septem. 17th, 1800.
Machine for cutting tanner's bark,		August 23d, 1800.

Subjects of the Patents.	Names of the Patentees.	Dates of the Patents.
Improvement in chimneys,	David Cooley, jun. and	August 25th, 1800.
Improvement in manufacturing bricks,	Gabriel N. Philips,	October 24th, 1800.
Raising water for mills,	Richard Mansfield,	October 24th, 1800.
Improvement in musical instruments,	Aaron Brookfield,	October 24th, 1800.
Telegraph (description filed)	John J. Hawkins,	October 24th, 1800.
Obtaining force from water, with the assistance of steam,	Jonathan Grout, jun.	November 17th, 1800.
Hanging windows without weights,	Samuel Murray,	November 20th, 1800.
Machine for breaking flax,	William Young,	January 17th, 1801.
Jaundice bitters,	John Cannon,	January 17th, 1801.
Cotton Gin,	Jesse Wheaton,	January 22d, 1801.
Improvement in sheathing vessels,	Ebenezer Whiting,	January 26th, 1801.
Brewing with Indian corn,	Henry Guest,	January 26th, 1801.
Condensor for heating wash in distilling,	Alexander Anderson,	January 26th, 1801.
Axle tourniquet,	Alexander Anderson,	January 29th, 1801.
Improvement in the construction of stoves,	Joseph Strong,	February 12th, 1801.
William Henderson,		

Subjects of the Patents.	Names of the Patentees.	Dates of the Patents.
Improvement in evaporation,	Thomas Bedwell, and Benjamin Henfrey, Michael Garber, Barnabas Langdon, David Grieve,	February 12th, 1801.
Machine for making and heading nails,		February 20th, 1801.
Hydraulic machine for raising water,		February 20th, 1801.
Improvement in boats to ascend rivers, &c.		February 30th, 1801.
Increasing the surface of evaporation for the purpose of distilling,	Benjamin Henfrey, Richard Weems, William Stillman, John Strong,	March 2d, 1801.
Boring machine for posts for fencing,		March 16th, 1801.
Veneering plough for cabinet work,		March 16th, 1801.
Hydraulic engine,		March 24th, 1801.
Making and discharging chain and cleaver shot,	Israel Hatch,	March 24th, 1801.
Cut nails from iron hoops, &c. rendered tough,		May 1st, 1801.
Stove, screw and reel grain drying machine,	Nathan Kent, David Ellicott, Solomon Thayer, Jesse Reed,	May 1st, 1801.
Impellent pump,		June 9th, 1801.
Nails milled out of heated rods,		June 9th, 1801.
Extract of bark for dyeing, &c.	Samuel Downing,	June 12th, 1801

Subjects of the Patents.	Names of the Patentees.	Dates of the Patents.
Forcing pump,	John Eveleth,	June 13th, 1801.
Portable vapour bath,	Charles W. Peale,	July 16th, 1801.
Infusing oil into leather &c.	Henry Guest,	July 16th, 1801.
A beaming machine,	Jeremiah Ladd,	July 17th, 1801.
Mill for grinding painters' colours, &c.	Caleb Greene,	July 23d, 1801.
Machine for extracting grain fr. straw, etc.	Christopher Hoxie,	August 20th, 1801.
A machine for raising water,	William Palmer,	August 25th, 1801.
Improvement for cooling and conveying up meal, etc.	Gurdon F. Saltonstall,	August 21st, 1801.
Metallic fluted gin rollers for cleaning cotton	Gurdon F. Saltonstall,	September 2d, 1801
Manufacturing spoons,	Thomas Bruff,	September 14th, 1801.
Giving motion to wheels within cylinders, &c.	James Sharples,	September 15th, 1801.
Mechanical powers for the use of wind-mills, &c.	James Sharples,	September 15th, 1801.
Manufacturing potash,	Thomas Power,	September 19th, 1801.
Moveable suspended beam and scale,	Samuel Wallis,	September 21st, 1801.

Air pump ventilator for ships, mines, &c.
 Machine for ruling paper, &c.
 A syphonic steam machine,
 Construction of stills,
 Machine for cutting and heading nails,
 Improvement in a wind-mill,
 Improvement in a ship's pump,
 Making paper from Currier's shavings,
 Improvement in the art of engraving,
 Improvement in a wind mill,
 Improvement in a time-piece,
 A machine for churning,
 Improvement in boxes for carriages,
 Improvement in paddles for propelling
 boats,
 Improved mode of carrying fish in warm
 weather,

Richard Robotham,
 Richard Robotham,
 John Poole,
 Michael Krafft,
 William Leslie,
 John A. Morton,
 George Clymer,
 Joseph Condit, jun.
 Joseph Hutton and
 Gideon Fairman,
 Rufus Hathaway,
 Simon Willard,
 Isaac Baker,
 Thomas B. Whitlock,
 Richard Claiborne,
 Nathaniel Robbins,

October 10th, 1801.
 October 10th, 1801.
 October 13th, 1801.
 October 28th, 1801.
 November 5th, 1801.
 December 16th, 1801.
 December 22d, 1801.
 December 28th, 1801.
 January 8th, 1802.
 January 20th, 1802.
 February 8th, 1802.
 February 20th, 1802.
 February 23d, 1802.
 February 23d, 1802.
 March 11th, 1802.

Subjects of the Patents.	Names of the Patentees.	Dates of the Patents.
Machine for cutting and grinding bark, Manufacturing starch from potatoes, Improvement in a grist mill, Improvement in a saw mill, which returns the log after each cut, Improvement on a block making gang lathe, Machine for ginning cotton,	Jacob Warrell, John Biddis, John W. Holly, Moses Coates, Ebenezer Whiting, William Bell and Samu- el de Montmollin, Joel Pierce.	March 17th, 1802. March 22d, 1802. March 27th, 1802. April 1st, 1802. April 1st, 1802. April 7th, 1802. April 10th, 1802.
Machine for churning, Improvement being a cheap mode of ob- taining light from fuel, Extracting the essence of bark for dyeing, Machine for cleaning clover seed, Improvement in a saw-mill,	Benjamin Henfrey, Samuel Downing, Asher Spicer, Hezekiah Richardson, jr. & Levi Richardson, Henry Abbott, Henry Abbott,	April 16th, 1802. April 19th, 1802. April 22d, 1802. April 28th, 1802. May 4th, 1802. May 4th, 1802.
Machine for rolling iron round, &c. Improvement in casting close stoves,		

Improvement in flat roofs for houses and balconies,
 Mode of improving spirits,
 Scientific steel yards,
 Machine for manufacturing salt,
 New plan for printing music,
 Machine for cutting fur for the use of hatters,
 Machine for cutting nails,
 Improvement in heading and cutting nails,
 Improvement in a gun lock,
 Improvement in a steam boat,
 Improvement in pumps,
 Machine for cleaning wheat,
 Machine for cleaning out docks,
 Method of rolling iron for nails,
 Improved machine for threshing and cleaning wheat.

Henry Johnson,
 Burgiss Allison,
 Lewis Du Pré,
 Benjamin Ellicott,
 Andrew Law,

Nicholas Young,
 Edward West,
 Edward West,
 Edward West,
 Edward West,
 Jacob Perkins,
 Stephen Stilwell,
 John Greenleaf,
 Jesse Reed,

Ezekiel Miller,

May 10th, 1802.
 May 12th, 1802.
 May 12th, 1802.
 May 12th, 1802.
 May 12th, 1802.

May 14th, 1802.
 July 6th, 1802.
 July 6th, 1802.
 July 6th, 1802.
 July 6th, 1802.
 July 9th, 1802.
 July 9th, 1802.
 July 13th, 1802.
 July 15th, 1802.

July 19th, 1802.

Subjects of the Patents.	Names of the Patentees.	Dates of the Patents.
Machine for making bricks,	Ezekiel Miller,	July 17th, 1802.
Machine for cleaning clover seed,	Martin Miller,	July 19th, 1802.
Machine for threshing grain,	Joseph Pope,	July 22d, 1802.
Antibilious pills,	Thomas H. Rawson,	July 24th, 1802.
Machine for making nails,	Nathan Fobes,	August 2d, 1802.
Improvement in a trigonometrical quadrant,		
Improvement in a still,	James Templeton,	August 17th, 1802.
Improvement called a fire-stop,	William Paine,	August 24th, 1802.
Economical house and ship steam kitchen,	Elisha Putnam,	August 24th, 1802.
Astronomical quadrant,	Nicholas Boureau,	August 30th, 1802.
Machine for heading nails,	Matthew C. Groves,	September 3d, 1802.
Improvement in fastening, in raising and supporting window sashes,	Benjamin S. Walcott,	September 4th, 1802.
An evaporating furnace,		
Machine for pressing cotton or other bale goods,	Leonard Kennedy,	September 7th, 1802.
A steam engine (improvement in)	John Richardson,	September 13th, 1802.
	Jacob Idler,	
	Samuel Briggs, junr.	September 24th, 1802.
		October 9th, 1802.

Subjects of the Patents.	Names of the Patentees.	Dates of the Patents.
Machine for raising water [!!! a perpetual motion !!!]	John Baptiste Aveilhé,	October 14th, 1802.
Improvement in splitting skins,	Asa W. Chickering,	November 29th, 1802.
Improvement in extracting neutral salts, from alkaline,	Benjamin Gorton,	November 29th, 1802.
Improvement in erecting dry docks,	John Gardiner,	December 3d, 1802.
Machine for making nails,	William Caruthers,	December 13th, 1802.
Improvement in the construction of mill wheels,	James Cowen,	December 14th, 1802.
Improvement in stills,	John Staples,	December 15th, 1802.
Improvement in making salt,	Valentine Peers,	December 18th, 1802.
Improvement in a boiling cistern,	Timothy Kirk,	December 20th, 1802.
Antibilious stomach cordial,	Simon Lozarus,	December 21st, 1802.
Improvement in the manner of welding cast steel to iron, &c.	Daniel Pettibone, Eze- kiel Chapman, and Jo- siah Nichols,	December 22d, 1802.
An insubmersible boat,	Abm. Du Buc Marentille,	December 23d, 1802.

Subjects of the Patents.	Names of the Patentees.	Dates of the Patents.
Improvement in manufacturing paper from corn husks,	Burgiss Allison, and John Hawkins, William Palmer,	December 30th, 1802. December 31st, 1802.
Machine for sawing stone and marble,		
Improvement in the caboose of a vessel for distilling fresh from salt water,	Simeon Rouse, Gurdon F. Saltonstall, Christopher Hoxie, Thomas Moore,	January 1st, 1803. January 4th, 1803. January 7th, 1803. January 27th, 1803.
A saw mill for cleaning cotton,		
Machine for hulling rice,		
Refrigerator for domestic uses,		
Boiler for accelerating the evaporation of liquids.	John Moffat, John Moffat, Benjamin Cooley, Jedediah Peasley,	February 1st, 1803. February 1st, 1803. February 1st, 1803. February 1st, 1803.
Improvement in stills,		
Machine for raising water,		
Manufacturing marle into lime,		
Making brandy out of all kinds of grain or fruit,	Christopher J. Hütter, Moses Coates, Abel Stowel,	February 11th, 1803. February 14th, 1803. February 14th, 1803.
Machine for paring apples,		
Improvement in a gauge auger,		

Subjects of the Patents.	Names of the Patentees.	Dates of the Patents.
A machine for making hot wrought nails, &c.	Elisha Bartlett, Oliver Bartlett, Otis Bartlett, and George Bartlett,	February 17th, 1803.
Improvement to their patented roller cotton gin,		
Improvement in extracting a spirit from starch water,	John S. De Montmollin,	March 7th, 1803.
A wheel to turn under water,		
A horizontal wind mill,	John Naylor, Silas Bent,	March 7th, 1803.
A wreck raft,		
A sea-sitting chair,	John Baptiste Aveilhé, Abm. Du Buc Marentille,	March 16th, 1803.
A power obtained by the rising and falling of the tide to give motion to all kinds of machinery,		March 18th, 1803.
Submarine passage or hollow inverted arch,	John Staples, jun. John Staples, jun. John Cottle, David F. Launy,	March 18th, 1803.
A machine for cleaning clover seed,		
An improvement in time pieces,		March 21st, 1803.

Subjects of the Patents.	Names of the Patentees.	Dates of the Patents.
Improvement in the process of manufacturing sea salt,	George Hunter,	March 24th, 1803.
Improvement in the mode of obtaining antiseptic gas,	Peter De La Bigarré, & J. B. M. Picornell,	March 24th, 1803.
Improved house fan,	Edward Marquam,	March 28th, 1803.
Anti-bilious pills,	Thomas H. Rawson,	April 4th, 1803.
Improvement in his evaporating furnace,	John Richardson,	April 4th, 1803.
Impt. in a cooler or condensor of vapor,	William How,	April 6th, 1803.
Improvement in producing steam,	John Stevens,	April 11th, 1803.
Improvement in a ruling machine,	Daniel Brewer,	April 22d, 1803.
Improvement in heating and boiling water,	Benjamin Platt,	April 27th, 1803.
Improvement in the mode of constructing vessels with crooked keels,	Eliphalet Beebe,	April 27th, 1803.
Machine for deepening channels,	Matthew Barney,	May 4th, 1803.
Improvement in building boats,	William Hopkins,	May 13th, 1803.
A rolling machine for cleaning cotton,	Gurdon F. Saltonstall,	May 14th, 1803.
Improvement in distilling spirits,	Daniel Ilsley,	May 14th, 1803.

Subjects of the Patents.	Names of the Patentees.	Dates of the Patents.
Improvement in cutting grain and grass,	Richard French, and John T. Hawkins,	May 17th, 1803.
Improvement in the pentagraph and parallel ruler,	John J. Hawkins,	May 17th, 1803.
Improvement in the application of the principle of rectifying or improving spirits,	Burgiss Allison,	May 17th, 1803.
Machine for pumping,	John Clark,	May 19th, 1803.
Improvement in working the bellows of a furnace or forge,	John W. Godfrey,	May 25th, 1803.
Expediting the manufacture of common salt,	Timothy Alden, jun.	May 25th, 1803.
Improvement in the method of distilling or making alcohol,	Lemuel J. Kilborn, John Biddis,	June 4th, 1803.
Improvement in extracting the effective matter contained in barks, &c. for dyeing,	Thomas Bedwell and William Mitchell,	June 7th, 1803.
Machine for making hinges,	David Morse,	June 10th, 1803.
Improvement in the manufacturing of hats,	Ezra Corning, jun.	June 13th, 1803.

Subjects of the Patents.	Names of the Patentees.	Dates of the Patents.
Improvement in the steam engine,	Samuel Morey,	June 15th, 1803.
Physiognotrace,	Rufus Graves and Giles Richards,	June 15th, 1803.
A rocking churn,	Isaac Todd, Augustus Day and William Bache,	June 23d, 1803.
A machine for breaking & carding sheep's wool,	Walter Keeler and James Waring,	June 28th, 1803.
Machine for shearing woollen and other cloths,	Benjamin Standring,	June 25th, 1803.
Machine for pulling hair from skins,	Liberty Stanley, Nicholas Young,	June 28th, 1803.
Improvement in the construction of iron ca- booses,	William Ashbridge,	June 28th, 1803.
Improvement called the Columbia fire- place,	Robert Heterick,	June 30th, 1803.

Subjects of the Patents.	Names of the Patentees.	Dates of the Patents.
Improvement in the mode of applying springs to window sashes, Improvement in distillation by the application of steam in wooden or other stills,	Samuel S. Camp, Samuel Brown, Edward West and Thomas West,	July 1st, 1803.
Machine for packing goods,	John Clark and Evan Evans,	July 8th, 1803.
Method of cooling liquors, Method of securing leaden or other pipes from frost, etc.	David Lownes,	July 20th, 1803. July 21st, 1803.
Machine for splitting and shaving shingles, Improving in a powder mill, Machine for separating clover seed from the "pod,"	David Lownes, Daniel French, George Keyser,	July 21st, 1803. July 25th, 1803. July 27th, 1803.
Improvement in the construction of stills, Machine for boring holes in rocks under water,	Timothy Kirk, Lewis Geanty,	July 28th, 1803. August 4th, 1803.
Improvement in a water cock,	John Baptiste Aveilhe, George Youle,	August 24th, 1803. August 25th, 1803.

Subjects of the Patents.	Names of the Patentees.	Dates of the Patents.
Preparing seals' fur for hats,	George Cleveland,	September 9th, 1803.
A wheel press,	Hezekiah Betts,	September 13th, 1803.
Mode of constructing carriages,	John C. Stroebel,	September 19th, 1803.
Family pills,	Daniel Coit,	October 5th, 1803.
Machine for making wrought nails and brads out of hot rods,	Lazarus Ruggles,	October 18th, 1803.
Threshing machine,	Jedediah T. Turner,	October 19th, 1803.
Improvement in the construction of the keels of vessels,	Gilbert Livingston,	October 22d, 1803.
Machine for shelling corn,	Paul Pilsbury,	October 25th, 1803.
Improvement in boilers, also working stills with the same,	William Thornton,	October 28th, 1803.
A horizontal draft wind-mill,	Samuel Goodwin,	October 31st, 1803.
Finding salt water and metals. <i>Bletonism!</i>	Valentine Cook,	November 1st, 1803.
Vegetable Elixir, or cough drops,	Samuel Cooley,	November 12th, 1803.
A dry bellows pump,	Enoch Alden,	November 15th, 1803.
Improvement in spinning wheels,	Amos Miror,	November 16th, 1803.
Improvement in wind-mills,	Asahel E. Paine,	November 19th, 1803.

Subjects of the Patents.	Names of the Patentees.	Dates of the Patents.
Improvement in fastening and supporting window sashes,	Jacob Osborn, William Bell,	November 24th, 1803.
Improvement in the cotton gin,		November 24th, 1803.
Improvement in propelling boats for inland navigation,	William Bell,	November 25th, 1803.
Improvement in the wind-mill,	William Bell,	November 25th, 1803.
A cylindric ruler for ruling paper,	John Fairbanks,	November 30th, 1803.
Improvement in grinding painters' colours, printers' ink, &c.	Jacob Cist,	December 3d, 1803.
Machine for separating the seed from cotton,	Joseph Eve,	December 6th, 1803.
A twilling machine for pricking leather for cards,	Pliny Earle,	December 6th, 1803.
Improvement in a fire engine,	Stephen Steward,	December 6th, 1803.
Machine for rolling plates of iron and cutting them into nails,	Samuel Rogers, and Melvill Otis,	December 7th, 1803.
Improvement in window springs,	James Curtis, jun.	December 10th, 1803.
Improvement in still heads and condensers,	Edward Richardson,	December 16th, 1803.

Subjects of the Patents.	
Improvement in making cold cut nails and brads out of rolled iron,	
Improvement in separating clover seed, wheat, &c. from the husk,	
A hydro-mechanical press,	
Improvement in painting rooms,	
Improvement in making colours for painting, printing, &c.	
Machine for making brick and tile by cutting the mortar,	
Improvement in stills or boilers,	
Improvement in preparing quercitron or black oak bark for exportation or home consumption, for dyeing or other uses,	
"A double draught fire place,"	
Improvement in the construction of stills and the process of distilling spirits,	
Improvement called the screw mill for	

Names of the Patentees.

Joseph Elgar,
David Buckman,
John Beverley,
John Selby,
Francis Guy,
Nathaniel Miller, and
Philip W. Miller,
Leonard Beatty,
Thomas Bengier,
Talmage Ross,
William Wigton,

Dates of the Patents.

December 16th, 1803.
December 21st, 1803.
December 26th, 1803.
December 30th, 1803.
December 30th, 1803.
January 5th, 1804.
January 19th, 1804.
January 25th, 1804.
January 23d, 1804.
January 30th, 1804.

Subjects of the Patents.	Names of the Patentees.	Dates of the Patents.
breaking and grinding different hard substances, “Improvement in steam engines, by the application of a new principle by means of strong boilers to retain and confine the steam, thereby increasing the heat in the water, which increases the elastic power of the steam to a great degree,” Improvement in wheels to be moved either by wind or water; for the purpose of giving motion to all kinds of machinery, mills, engines, carriages, ships, boats, &c. &c. “In setting stills and other large kettles,” Machine for threshing and cleaning grain, Improvement—being a smut-fanning mill, Improvement in hanging window sashes, “Improvement—being a spinning wheel	Oliver Evans, <	

Subjects of the Patents.	Names of the Patentees.	Dates of the Patents.
and twisting mill for the purpose of making cordage,"	William B. Dyer,	February 27th, 1804.
A machine for hulling clover seed,	Jacob Worrell,	February 27th, 1804.
Improvement in air or bellows pumps for raising water,	Daniel M. Miller,	March 5th, 1804.
Improvement—being a machine for washing cloths, scouring, fulling and cleaning cloth,	Daniel S. Dean,	February 29th, 1804.
Improvement—being a mode of preparing marble for painting on,	Archibald Robertson,	March 5th, 1804.
Improvement in window fastenings or springs for fastening and supporting sash-lights,	Daniel M. Miller,	March 8th, 1804.
Improvement in extinguishing fires in houses, &c.	Samuel P. Lord, jun.	March 10th, 1804.
Machine for watering cattle,	Moses Smith,	March 16th, 1804.
Improvement in the bedstead, so constructed that it may be taken down and removed by one person in case of fire or on		

Subjects of the Patents.	Names of the Patentees.	Dates of the Patents.
other occasions with much ease and expedition,	Ward Gilman, and William Jackson,	March 19th, 1804.
Machine for preparing what is commonly called top and swingled tow for paper, Improvement, being a "wry-fly," which may be applied by wind or water to various machines, viz. grist mills, hulling mills, spinning mills, fulling mills, paper mills and to the use of furnaces &c. Improvement in manufacturing coat and waistcoat buttons,		
Improvement, being an inclined-planestatical-wheel machine, for facilitating the passage of boats in canals, or for removing earth, stones or other heavy bodies from hills, &c. by the inclined plane,	Benjamin Tyler, George W. Robinson,	March 19th, 1804.
	John Williams,	March 24th, 1804.
	John Williams,	March 23d, 1804

Subjects of the Patents.	Names of the Patentees.	Dates of the Patents.
Machine for the improvement of navigation,	Anthony Hunn,	March 24th, 1804.
“ Improved still and boiler,”	John Naylor,	March 31st, 1804.
Improvement in the mode of making shot,	Phineas Daniel,	March 31st, 1804.
Machine for breaking and cleansing flax and hemp,	Owen Roberts,	April 12th, 1804.
Improvement in the mode of working sheet tin into different wares,	Calvin Whiting and Eli Parsons,	April 14th, 1804.
Improvement in springs for window sashes,	Joseph Eaton,	April 14th, 1804.
Machine for slitting and heading nails,	Michael Garber,	April 17th, 1804.
Double steam-bath still,	John James Giraud,	April 18th, 1804.
Machine for cleaning flax-seed from cockle, yellow seed, cheat, and all foul seeds, which may be applied to separate wheat, rye and other grains from each other, and all impurities,	Paul Goltry,	April 24th, 1804.
Machine for shelling clover seed,	Michael Withers,	April 30th, 1804.

Improved machine for cutting straw and hay, &c. &c.
 Improvement in paper mills,
 Improvement in the construction of pump-boxes or pumps, designed for the use of ships of war, merchant vessels, or other purposes where water is required to be raised,
 Columbian threshing, break and cleaning fan,
 Machine to be fixed to the top of a common churn,
 Machine for shelling and cleaning corn, which may likewise answer the purpose of grinding tanner's bark, and provender for cattle and horses,
 Improvement of the lantern,

Moses Coates, and
 Evan Evans,
 Thomas Langstroth,

April 30th, 1804.
 May 1st, 1804.

John Stickney.

May 1st, 1804.

Samuel Houston,

May 3d, 1804.

Levi Stevens,

May 8th, 1804.

Levi Stevens,
 John Staniford, junr. and
 Amos D. Allen,

May 8th, 1804.
 May 10th, 1804.

Subjects of the Patents.	Names of the Patentees.	Dates of the Patents.
Composition for tablets to write or draw on,	Amos D. Allen,	May 10th, 1804.
Machine to cut strips or chips of wood to make chip hats, bonnets, &c.	Amos D. Allen,	May 10th, 1804.
Furnace for making pot and pearl ashes, with the manner of using, and the materials of which the same is composed	Edward Crafts, junr.	May 12th, 1804.
Machine or apparatus for making salt,	Ezra Weld,	May 16th, 1804.
Machine for cleaning and moating cotton after it has been ginned,	James Simons and Joseph M'James,	May 17th, 1804.
Machine for making nails and spikes,	Burgiss Allison, and Richard French,	June 8th, 1804.
Improvement in making thimbles,	Asa Spencer,	June 8th, 1804.
Improvement in machines for clearing grain from straw, &c.	William Tunstall,	June 30th, 1804.
Improvement in the mode of pumping and raising water,	Benjamin Folger,	July 7th, 1804.

Subjects of the Patents.	Names of the Patentees.	Dates of the Patents.
Improvement in the construction of the fulling mill, called the double crank,	Levi Osborn,	July 12th, 1804.
Improvement in the plough,	John Deaver,	July 12th, 1804.
Improvement in the auger,	Christopher Hoxie,	July 12th, 1804.
Improvement in the lime kiln,	Thomas Power,	July 12th, 1804.
Metallic grinder or hone for razors, pen-knives, scissors, surgeon's instruments, and all kinds of fine edged tools,	Christian Veltenair,	August 10th, 1804.
Improvement in the machine for cutting nails,	Nicholas Bourreau,	August 21st, 1804.
Machine for raising water from wells,	William Harrington,	August 28th, 1804.
Improved windlass for ships or vessels,	Hezekiah Betts,	August 29th, 1804,
Machine to cut chips or strips of wood, to make chip hats and bonnets, brooms, baskets, sieves, matting, and for various other uses,	John Roberts,	September 5th, 1804.
Crushing plaister-mill,	Amos D. Allen and	September 14th, 1804.
Improvement in suspenders,	Ezekiel Kelsey,	September 18th, 1804.
	Emanuel Kent,	
	Orange Webb,	

Subjects of the Patents.	Names of the Patentees.	Dates of the Patents.
Improvement in wind-mills, A waggon, or carriage, to be worked by hand, Method to prevent chimneys from admitting water in rainy weather, Forcing pump to raise water, "The rheumatic liniment," for chronic rheumatism, strains, &c. Improvement in gallows, or suspenders, for breeches, pantaloons or trowsers, &c. Improvement in candlesticks, Machine for breaking dough, Machine for cooling and filtering water or other fluids, Composition, or cement, to prevent the roofs and other parts of houses from taking fire, Improvement in sash-springs,	Richard Weems, John Bolton, jun. John James Thomas, Aaron Taylor, Abel Brown, Simon Smith, Benjamin Dearborn, Laban Folger, Daniel M'Mullin and Thomas M. Corby, David Stodder, John Hooker,	September 20th, 1804. September 29th, 1804. October 2d, 1804. October 4th, 1804. October 17th, 1804. October 23d, 1804. October 29th, 1804. November 1st, 1804. November 6th, 1804. November 16th, 1804. November 19th, 1804.

Subjects of the Patents.	Names of the Patentees.	Dates of the Patents.
Improvement in the threshing machine, Improvement in the oil press, Machine for granulating gunpowder,	James Deneale, jun. Josiah White, E. I. Du Pont de Nemours,	November 20th, 1804. November 27th, 1804.
Improvement in the cow, or sheep bell, Machine for cutting nails with, and not across the grain of the metal, Improvement in wind-mills, "New invented window springs,"	Simon Newton, Frederick Wm. Geysenshayver, William Stanton, jun. Isaac Scott,	November 23d, 1804. December 22d, 1804.
Machine for boring gun barrels, Manufacturing ashes,	Nathan Fobbs, Joseph Bellovs, jun. and Ebenezer White,	December 22d, 1804. December 26th, 1804. December 26th, 1804. December 31st, 1804.
Medicine called "bilious cordial," Mode of improving or setting a horse's ears,	Samuel Chamberlaine, Seth Janes,	December 29th, 1804. December 31st, 1804. December 31st, 1804.

LETTER

FROM

THE SECRETARY OF STATE,

TRANSMITTING

A LIST OF THE NAMES OF PERSONS

TO WHOM

PATENTS HAVE BEEN ISSUED,

FOR

ANY USEFUL INVENTION,

DURING THE YEAR 1820.

JANUARY 5, 1821.

Read, and ordered to lie on the table.

WASHINGTON:

PRINTED BY GALLS & SEATON.

1821.

AM. PHOTO-LITHOGRAPHIC CO. N.Y. (OSBORNE'S PROCESS)

DEPARTMENT OF STATE,

JANUARY 1st, 1811.

SIR,

IN pursuance of the resolution of the House of Representatives of the United States, dated the 7th ultimo, I have the honor of transmitting a list of the names of persons who have invented any new or useful art, machine, or composition of matter, or any improvement thereon, and to whom patents have been issued for same, from this office, with the dates and general objects of such patents; and also the residence of the patentees, as far as the same can be ascertained.

I have the honor to be, Sir,

With the greatest respect,

Your obedient servant, &c.

R. SMITH.

*To the Hon. the Speaker
of the House of Representatives of the United States.*

<i>No. of Patents</i>	INVENTIONS.	<i>When issued.</i>	NAMES OF PATENTEES.	RESIDENCE OF PATENTEES.
	Machine for cutting nails, brads, &c. Improvement in the grist mill A close fire place Machine for raising water from a running stream In andirons An iron wheel for transporting carriages A felloe mill A metallic hone A cross cramp for four wheel carriages A washing and scouring machine Machine for raising and removing earth In the physiognotrace Machine for raising and removing earth A beaming machine Machine for removing earth, &c. Bleeding with and breeding leaches Machine for sawing shingles In glazing and polishing linens, &c. In making sod oil for leather Machine for shelling and hulling cloverseed Method of making moulds for casting iron screws, &c. In manufacturing tin ware In the sluice to convey the water to horizontal wheels, and in the manner of forming the wheels of cast iron, &c.	1803. May 1 2 3 3 4 4 4 4 4 4 4 4 4 6 6 7 8 9 10 10 10 10 10	Increase Kimball Joseph Copes Horatio G. Spafford Frederick Lippart John Stickney Robert Crare, junr. Samuel Church John Houston Simeon Glover Abraham Higham Joseph Platt Daniel Atherton Joseph Hill Allen Hill Jacob Welsh John Kunitz Isaac Baker William Smith George Poyzer Michael Zorger Ebeneser Lester Barnabas Langdon James Humiston, junr.	New Hampshire Georgetown, Delaware Hudson, New York P. O. Keetz town, Pennsylvania Baltimore Woodbury, Litchfield county, Con. Amherst, Hampshire county, Mass. Williamsburg, Virginia Newtown, Fairfield county, Con. Hudson, New York Albany, do Richmond, Virginia Albany, New York state Hinsdale, Berkshire county, Mass. Boston Philadelphia Amherst, Northampton, Mass. New York Philadelphia P. O. York, Pennsylvania Herkimer town and county, New York St. Albans, Vermont Wallington, New Haven, Con.
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No. of Patents	INVENTIONS.	When issued.	NAMES OF PATENTEES.	RESIDENCE.
620	On Anderson's patent condensing tub In the bark mill Apparatus for making tiles, bricks, &c. In the smut fanning mill Mode of making posts of clay for fencing Machine for raising or projecting fluids Method of boiling, applicable to distilling, brewing, &c. In the mode of setting boilers of every description In planing by machinery Planing machine for sawing bellows boards, &c. Method of separating, preparing and collecting the sulphate of pot ashes into sal polychrestum, &c. Improvement in mills and machinery Machine for ginning, carding and spinning cotton Machine for grinding, sawing or rasping dye woods Machine for casting types In springs for wheel carriages	1805. May 17 21 22 24 27 27 27 June 1 1 1 15 25 Aug. 8 13 28 29	Henry Witmer Thomas W. Pryor William Hodgson Thomas Pierce William Cooley Daniel Tomlinson Benjamin Eggleston, jun. Ebenezer Jenks John Bennock John Hinman Alexander McNiit Lewis Valcourt John McBride John Mathews William Wing William Wing and Henry Salisbury Charles McLean and Solomon Loomis Samuel Bartlett Asahel A. Kelsey	Lancaster, Penn. Philadelphia Richmond, Virginia. Fishkill, Dutchess county, New York Bolton, Tolland county, Con. Brookfield, do Princeton, Aby. New York Portland, district of Maine Boston New Haven, Connecticut Geneva, Ontario, New York Lewisville, Kentucky Nashville, Tennessee Philadelphia Hartford, Connecticut Hartford, Connecticut do do do
625	In tub mills	Sept. 25	Charles McLean and Solomon Loomis	
630	A clay pipe for conduits In making shingles	Oct. 1 Oct. 9	Samuel Bartlett Asahel A. Kelsey	

640	Manufacturing old junk or old rigging into oakum	9	Daniel French	Middletown, do
	In casting ship bolts	28	Joseph Share	Baltimore
	In rafts	4	William Deane	Pittsburgh, Pennsylvania
	In cattle mills	4	La Paype (ainé)	Baltimore
	Machine for raising water	7	Seraphim Bellij	do
	do for splitting skins	9	William Lillie	West Chester, New York
645	In making salt	13	John Gilman Taylor	
	Machine for shearing woollen or other cloth by water, &c.	22	Friend B. Kellogg	Marlborough, Berkshire county, Mass.
	A distilling apparatus	27	Abraham Heistand	York Town, Pennsylvania
	Machine for preparing and hockling tow for paper or linen	7	James Tatterson	Southampton, Long Island, N. Y.
	do. for washing, rinsing, and wringing clothes	17	William Johnson Fulsom and John Hayden	
650	Rheumatic pill	18	George Barber Dexter	Hallowell, Kennebeck county, D. M.
	A kiln for drying grain	20	William Potie	Boston
	In kilns for drying grain	20	James Abraham	Wilmington, Delaware
	Machine for reaping grain	28	Samuel Adams	Middlesex, New Jersey
	A rowing machine	1806.	Ebenezer Bryant	New London, Connecticut
	A balance pendulum lock	Jan. 13	Samuel Goodwin and Richard Gains	Baltimore and George Town, Columbia
655	Machine for making bats or frames for wool hats	22		
	Machine for copying charts, landscapes, &c.	24	Richard Gookins	New Hampshire, Massachusetts
	A loom for weaving clip	5	Cephas Thompson	Bristol, Rhode Island
	A spring pump for raising water	8	Philip Bennet	Rochester, Plymouth, Massachusetts
	Machine for packing oakum	13	William Finn	Baths, Baltimore
660	do. for making dough	14	Michael Morrison	Newburyport, Massachusetts
		14	George Richards	Stonington, N. Lowden county, Conn.

No. of Patents.	INVENTIONS.	When issued.	NAMES OF PATENTEES.	RESIDENCE.
665	In bridges	1806. Feb. 14 19 19 21 28 March 1 5 7 8 8 17 19 21 21	Theodore Burr	Philadelphia New York
	A planing machine		Joseph Hawkins	
	Improvement in gun carriages		Samuel Hawkins	Norwich, Windsor county, Vermont
	Machine for raising mud		John Eveleth	
	Medicine called the essence of tansy		Israel Newton	
	Machine for making brick		John F. Gould	
	In suspenders		Richard Howell	Oxford, Chester county, Pennsylvania
	In evaporation		Thomas Arnold	
	In stoves		Samuel Dickey	
	In tilt hammers		John F. Gould	
670	A joining and planing machine		Joseph S. Mott	Alburgh, St. Albans, Franklin co. Vt.
	A balance pendulum lock		Richard Gaines	
	A hoisting machine		William Purden	
	In a cabouse		George Youle	
675	For dressing flax		Elisha Mack	Roxbury, Norfolk, Connecticut
	Preparing and welding cast steel to iron or other steel for tools		Daniel Pettibone	
	A fulling mill and washing machine		John Kennion	
	Carding machine to form batts for wool hats		Abner Guild	
680	Machine for splitting skins or neats' leather		Stephen Payn	Dover, New Hampshire
	In diving machines		Richard Tripe	
	In cyder and bark mills		Isaac Quintard	
	In propelling boats		John Heavin	
685	Machine for cutting straw		do.	Stanfield, Fairfield county, Connecticut
	In saw mills		Joseph Quinby	
	In water wheels for mills		Ephraim Hubbel	
	In reducing calcareous matters into lime		Charles Varle	

680	In the steelyard In scale beams and balances A cabouse stove, apparatus for cooking and distilling, &c. In windmills In boxes for carriage wheels Machine for shearing cloth In the churn A washing machine In boxes for carriage wheels Extracting salt from sea water In facilitating the process of extracting salt from sea water do In filtering impure water, wine, &c. In making pantiles A perpendicular boring machine Machine for facilitating the spinning of rope yarn, &c. In making boots and shoes, &c. A swing cradle Anti-stream boat A cover for buildings called artificial slate or file Apparatus for improving the quality of calica, &c.	May 19 19 21 23 23 25 26 29 30 June. 12 13 13 24 3 7 14 16 17 17 Aug. 7 14	John Edwards do. George Youle John Cooper James Gridley Beriah Swift Abner Wing Reuben Buck Levi Brown Standfast Smith do. do. Solomon McCombs, Joseph Smith and Benj. D. Galpin William Harwood Roger Selden Nathaniel Cutting John Bedford Zachariah Mills William Wadsworth Thomas Woodsend Nathaniel Cutting	New York do. do. Philadelphia Boston Washington, Dutcha. county, N. Y. do Berkshire, Massachusetts Suffolk, Dorchester, Massachusetts do. do. Baltimore Richmond, Virginia Washington City Philadelphia Hartford, Connecticut do. Washington City New York
685	Improvement whereby a beautiful yellow paint may be prepared	Sept. 2	The Baron Alexis Carren- deslez	
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No.	INVENTIONS.	When issued.	NAMES OF PATENTEES.	RESIDENCE.
		1806.		
710	Machine for raising vessels out of water to repair them	Oct. 9	John Titus Morgan	New York
	Apparatus for the sublimation of sulphur	9	George Barber Dexter	Boston
	Mixture to render all kinds of woollen cloth water proof	21	James Pountrey Wightman	do.
	In screens for freeing grain from dirt, seeds, &c.	28	William Tullock	Lantern Mills, Orange C. H. Virginia
	In suspenders	Nov. 6	Jonas Dawson	Philadelphia
	A perpetual oven	Dec. 4	James Deneale	Dumfries, Virginia
715	A composition for covering and flooring houses	1807		
	A Traverse sleigh	Feb. 3	Louis De Niroth	Baltimore
	Machine for winding cotton	4	Levi Rogers	Berwick, Massachusetts
	Machine for grinding, sawing and rasping dye woods	5	David Brown, jun.	Warren, Bristol county, Rhode Island
	A paper trimmer	6	John Mathews	Philadelphia
	Accommodating bolted truss for ruptures	7	Parke Shee	do.
720	In the auger	7	John Reath	Boston
	Machine for cutting brads	7	William Hale	Champlain, Clinton co. New York
	Mode of making the bottoms of shoes and boots of metallic substance	10	Jonathan Ellis	
	A water tight swivel screw, adapted to steam engines, stills, &c.	10	Samuel Milliken	Lexington, Massachusetts
725	In making boots and shoes	10	Abel W. Hardenbrook	New York
	The Egyptian lock	11	William Montgomery	Philadelphia
	Making charcoal from peats	11	Abraham Ogier Stansbury	New York
	A hemp and flax machine	11	Charles Fales	Worcester, Massachusetts
		11	Richard Button	Cassanovia, New York

730	Method of making moulds for casting trundle head, of any kind of metal, &c.	Feb.	12	Ebenezer Lester	Little Falls, Herkemer co. New York
	A fire place with a flat funnel		19	Abraham Fisher	Braintree, Norfolk co. Massachusetts
	A tilting waggon		17	Abraham Hobart	Haverhill, Essex co. Massachusetts
	For carding fur and wool, for hats		21	Arnold Bufum	Boston
	In the grist mill		22	Ezekiel Hale	Middlesex, Massachusetts
	Machine for cutting and heading nails at one operation		22	Jesse Reed	New York
735	Machine for working a trip hammer, with a perpendicular handle		25	Joel Fox, jun.	Watertown, Middlesex co. Mas.
	In making butter		27	Born G. Burtis and Ger- sham Burtis	New York
	A washing machine		28	Richard R Elliot	Charleston, South Carolina
	Mode of making salt	April	1	Timothy Green	Champlain, Essex county, New York
	A pendulum screen		1	Lewis Dupré	New York
740	A double forcing pump		1	Charles Colver	Burlington, New Jersey
	In the cabouse stove for cooking, &c.		1	George Youle	Chester, Delaware co. Pennsylvania
	In ploughs		1	David Peacock	Baltimore
	Machine for dressing shingles and staves		1	Jeremiah McIlvain	Louisville, Falls of Ohio
	do. for cutting nails		1	Elisha Bigelow	New Hampshire
745	do. for propelling boats &c. by oars, &c.		7	James A. Pearce	Hollowell, Kennebeck co. Mas.
	do. for raising stumps, &c. from the ground			Alexander Craig	Canaan, Litchfield county, Connecticut
	In the application of bark for hats, caps, &c.		15	Sylvester G. Whipple	New Haven, Connecticut
	In making fire brick	April	17	Ebenezer Jenks	New York
	In main springs for carriages		18	Jonathan Mix	St. Albans, Vermont
	In the construction of bridges		18	Thomas Pope	Adam's county, Pennsylvania
750	In the steel yard		23	Barnabas Langdon	
	In an apparatus for, and mode of distilling			Abraham Weaver	
	In the splinter bar and swigle trees of carriages, to disengage the horses from— suddenly		23	Henry Dunlap	George Town, Columbia

No.	INVENTIONS.	When issued.	NAMES OF PATENTEES.	RESIDENCE.
		1847.		
755	Applicable to fire places and stoves In heating rooms, &c. &c. &c. A washing machine A washing, scouring and churning do In making ropes of any size and lines, &c.	April 23 24 25 25 May 5	Allan Pollock do Simon Willard, junr. Thomas Beatty John Sellers and Andrew Bartle	Boston do Hudson city, New York
760	A gunner's quadrant Machine for breaking and grinding bark, &c. Machine for making paper Machine for shearing cloth In rigging vessels of every denomination In hanging curtains or blinds in coaches, &c. In shingling the roofs of houses, &c. In lasts for boots and shoes In the fire engine Mechanical spring buckle In mills A washing machine A mortising machine	6 7 8 8 9 9 11 20 20 20 21 June 6 8	Charles Hammond Cornelius Tobey Charles Kinsey Russell Dorr Stephen Sayre Peter Harvey Thomas Young William Young Jacob Smith, junr. John Green Christian Hamaker Josiah Cleveland Simeon Glover and David Parnette	Alexandria Concord, Middlesex county, Mass. Hudson, New York Essex, New Jersey Kenderhook, N Y. Bordentown, New Jersey Philadelphia do do New York do Lancaster Franklin county, Pennsylvania
770	In galvanism for salivating, &c. In stills In cotton gins In machines for shearing cloth In saw mills In churns In the axle and box of carriages	9 20 22 23 23 23 26	William Phœbus Stephen Steward Obadiah Crawford Enoch Burt Jacob Spofford Reuben Buck Cyrenus Beach	Newtown, Connecticut New York Walpool, New Hampshire Princeton, New Jersey Ipswich, Massachusetts Baltimore Newark, New Jersey

790	In the filtering pot In piano fortes, &c. &c. Manufacturing wrought nails and brads In condensers in distillation Machine for making pills Machine for making wrought nails, &c. Mode of heating water in boilers of steam engines, by the rays of the sun In making Italian pastes, Maccaroni, Vermicelli, &c. Machine for cutting straw do. Washing machine Apparatus for, and mode of, cleaning windows In preparing a vermifuge In washing machines	July 2 8 9 10 11 11 13 18 20 24 24 11 1	Michael Freytag Ralph Shaw Jordan Dodge Thomas O'Connor Webster Lewis Jonathan Nichols Matthew Longwell John B. Sartori Josiah Cleaveland Benjamin Connor Ebenezer Jones Thomas Bruff Joseph Lehman Martin Lee and Timothy Barber Ruel Cutler Edward Richardson Thomas McIlwham Baron Alexis De Carren- deslez Orange Webb Joseph Pitkin and Timothy Kimball Jesse Arnold Rich. Wheately and James Beaumont	Philadelphia Boston Rutland, Vermont New York Rhode Island Gettysburgh, Adams county, Penn. Philadelphia Franklin county, Pennsylvania Portsmouth, N Hampshire Alfred, Berkshire co. Massachusetts Washington City Philadelphia Oneida co. New York Washington, Dutchess co. New York Fredericks Town Princeton, N. Jersey New York do Hartford, Connecticut Pawlings, Dutchess co. N. Y. Boston
785	A churning machine In stills Moulds for casting copper sheathing nails, &c. In preparing green coloring matter or paint Mode of preparing leather for straps of suspenders, &c. Machine for planing hats and making cloth without yarn In the cheese press Manufacturing sheet iron into funnel for stove pipes, &c.	3 3 6 12 14 19 25 4		
800				

No.	INVENTIONS.	When issued.	NAMES OF PATENTEES.	RESIDENCE.
		1807.		
	In manufacturing iron	Nov. 12	James Butland	Philadelphia
	A plow harrow	Nov. 18	Seth Vinton	Wilmington, Connecticut
	Manufacturing thimbles for the sails of ships, &c.	20	Isaiah Jennings	New York
	A gauge setting machine for saw mills	27	Anson Blake	Lincoln, Kentucky
	In thrashing machines	30	Benjamin B. Bernard	Virginia
805	For cutting and heading nails	30	Simon Willard	Hudson, New York
	For thrashing and cleaning grain	30	Simon Willard, jun.	do.
	In the water wheel	Dec. 1	do.	do.
	An improved still	13	William Thornton	City of Washington
	Machine for heading nails	15	Samuel Rogers	Plymouth, Massachusetts
810	A churning machine	15	John Scripture	Alford, Buckshire, Massachusetts
	Manufacturing hoop and sheet iron	24	Jeremiah H. Pierson	Ramapo Works, Rockland, N. Y.
	In the rolling and slitting mills	24	Isaac Pierson	New York
		1808.		
	In making and refining sugar	Jan. 8	Antoine Boucherie	Philadelphia
815	Machine to facilitate the making of boots and shoes	9	Eli Barnum	Massachusetts
	Machine for manufacturing flour and meal	22	Oliver Evans	Philadelphia
	Nail cutting machine	28	Jonathan Hicks	Hadley, Hampshire co. Mass.
	In fire places or open stoves	1	John F. Gould	Newburyport, Mass.
	In the fanning mill for grain, &c.	9	Samuel Dodge	Cleveland, Trumbull co. Ohio
	Machine for splitting leather and skins	24	William Bent	Boston
	In the plough	24	Hezekiah Hurris	Bullitt, Kentucky
820	In the common suction pump	4	Daniel Watson	Plymouth, Massachusetts
	In propelling boats	4	Philemon Heaton, Mark B Boyes and Philemon Heaton, junr.	

825	Machine for manufacturing cordage and improving its quality, &c.	March 4	Robert Fulton and Nathaniel Cutting	N. C. Washington, R. F. New York
	Machine for making combs	5	Phineas Pratt	Saybrook, Connecticut
	In churns	8	Simcon Hays	Poultney, Stuben co. New York
	A forcing pump with double action, applied to engines, &c.	9	Eleazer Cady, junr.	Chatham, Columbia co. New York
	A revolving churn	10	Nicholas King	Washington City
	In the churn	11	Stephen Stackhouse	Cazenovia, Madison co. New York
	In chimneys	13	Giles Gridley	Newburyport, Mass.
	In fire places	14	do.	do.
	A washing machine	15	William Wadsworth	Hartford, Connecticut
	Machine for propelling boats, &c.	15	do.	do.
	Machine for grinding bark and dye woods	18	Obadiah Pease and Asher Donalds	Norfolk, Connecticut
835	In the cyder and cheese press	21	Ebenezer Benedict	New Marlborough, Berk. co. Mass.
	For distilling or boiling water	21	Eli Barnum and Benjamin Brooks	do.
	A wheel to run under water	21	John Johnson	Indiana Territory, Knox co.
	In churns	22	William W. Townsend	Sandy Hill, New York
	A fanning mill for grain or clover seed, &c.	23	Oliver Barrett, junr.	do.
840	A lever for turning wheels, for rowing boats, &c.	25	Roswell Hopkins	Hopkinton, St. Lawrence co. N. Y.
	Machine for trimming straw plat, for bonnets	30	Eleazer Smith	Franklin, Norfolk co. Massachusetts
	Mode of applying power and causing motion to machinery by the pendulum	31	Jedediah Tallman	Albany, New York
	An economical furnace or stove	6	Joseph Poudrell	New York
	Cross cut saw machine	11	Thomas Cohoon	Cazenovia, New York
845	In lessening the friction in axletrees of carriages, &c.	12	Robert Kilborn	Gt. Barrington, Berks. co. Mass.
	In cheese presses, &c.	12	Ephraim Warner	Waterbury, Newhaven co. Conn.

No.	INVENTIONS.	When issued.	NAMES OF PATENTEES.	RESIDENCE.
850	Machine for breaking and swinging hemp and flax, &c.	1808.	Thomas Cohoon	Cazenovia, New York
	In the screw press	April 13	do	do
	In faucets for drawing liquor from casks	14	Ira Ives	Bristol, Hartford co. Connecticut
	Machine for smoothing and polishing paper and other substances	14	Wm. Coolidge	Boston
	Mode of striping allum dressed leather for shoe binding, &c.	18	Samuel Frothingham and Geo. Harris	Middletown, Middlesex co. Conn.
855	A cylindric ruling machine	20	John Fairbanks	Boston
	In the churn	21	Daniel Pierpont	New Haven, Connecticut
	In the spinning wheel	22	Timothy Cruikenden	Poultney, Rutland co. Vermont
	In manufacturing hats, cloths, &c. from a fleece or sheet taken from a carding engine, without bowing	23	Roswell Pitkin	East Hartford, Connecticut
	In the churn	25	Aaron Reed	Columbia co. New York
860	In carriages for field artillery	25	David Cobb	Boston
	In the churn	25	Nehemiah Howe	Windham, Connecticut
	In preparing and making twisted whalebone whips	25	Joseph Reeve	Newburgh, Orange co. New York
	Mode of impelling boats, water or land carriages	25	Benjamin Taylor	New York
	Machine for making rivets	25	Josiah Jennings	do
	For making oakum	25	Daniel Rider	do
	A washing machine	April 26	Leonard Kennedy	Hartford, Connecticut
	Machine for shearing woollen and other cloths	26	Ebenezer Stowell	Worcester, Worcester county, Mass.

The anglet for taking and laying down angles
 A washing machine
 In making pearl ash, in kettles, without the use of ovens
 The life buoy, or seaman's friend
 A friction roller door hinge
 In the construction of pumps
 A floating dry dock for cleansing the bottoms of vessels
 In the churn
 In pressing machines
 In the application of the whip saw
 In the double lever press for tobacco, &c.
 Machine for rasping dye woods
 In carriage springs
 Apparatus for propelling boats across rivers by force of the current
 In washing machines
 Machine for washing, churning and getting out clover seed, &c.
 Machine to cut and head nails
 In the chain bridge
 Thorough-brace springs for carriages
 In stoves, &c. for heating rooms
 In the cylinder and cheese press
 A perpendicular washing machine
 Machine for sawing stone, wood, &c.
 For shearing cloth

865

870

875

880

885

Benjamin Dearborn
 Elam King
 Reuben Ainsworth
 William Flower
 John Bailey, junr.
 William Rhodes
 do
 Simeon B. Willard
 Robert Pierpoint Cunningham
 Samuel Barber and Nehemiah U. Thompson
 Caleb Johnson
 Jesse Reed
 Enoch Ives and Jerry Hill
 Samuel Stillwell and Daniel T. Wandall
 Martin Lee
 Robert Patton
 Joseph Jelleff
 James Finley
 Jonathan Mix
 Allen Pollock
 Ebenezer Benedict
 Ebenezer Jones
 do
 Simeon Stewart, Eben. Hovey and Jas. Henderson

April 29
 May 14
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 June 1
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Boston
 Johnstown, Montgomery county, N. Y.
 Philadelphia
 Plymouth county, Massachusetts
 New York
 do
 Bloomfield, Ontario county, New York
 Pomfret, Connecticut
 New York
 New Glasgow, Virginia
 Boston
 New Haven, Connecticut
 New York
 do
 Columbia, Lancaster county, Penn.
 Butler Nuts, Otsego county, N. Y.
 Fayette county, Pennsylvania
 New Haven, Connecticut
 Boston
 New Marlborough, Massachusetts
 Alfred, Berks. county, Massachusetts
 do
 Pittstown, Ontario county, N. Y.

No.	INVENTIONS.	When issued.	NAMES OF PATENTEES.	RESIDENCE.
890	A hydrant for drawing water from aqueducts	1808.	David Burt	Schenectady, New York
	In the rectification of spirits	June 22	Osborn Parsons	Hudson city, New York
	In lighting the binnacle of ships	23	Winslow Lewis	Boston
	In making conduit pipes, &c. from clay, &c.	24	Robert Ramsey	Hanover, New Hampshire
	An illuminator for lighting stair cases, &c.	24	John Henry Ross	Baltimore, Md.
895	Folding or spiral springs for carriages, &c.	27	James Armour, junr.	Baltimore
	Machine for slitting boards, plank, &c.	29	Ezekiel Olds	Brookfield, Worcester county, Mass.
	A washing machine	July 1	Asahel E. Paine	Delhi, Delaware county, N. Y.
	In the churn	7	Dyer Cleveland	Shelfield, Massachusetts
	A pressing and boring machine	9	Robert Ramsey	Hanover, New Hampshire
900	In tanning	9	Samuel Parker	Bellerica, Middlesex county, Mass.
	In currying and finishing leather	9	Samuel Parker	Bellerica, Middlesex coy. Massachusetts
	The universal vitriolic test, for making all kind of bank or other bills	9		
	A washing machine	11	Abel Brewster	Hartford, Connecticut
	do.	11	Enos Trescott	New Marlborough, Berks. co. Mass.
905	do.	11	Theron Henry	Bloomfield, Ontario county, New York
	do.	11	Thomas Osgood	Charleston, Middlesex county, Mass.
	do.	11	Ebenezer Luster	Killingworth, Middlesex county, Con.
	do.	11	Dudley Loomis and Ira Millington	Springfield, Otsego county, New York
	In the churn	11	Dyer Cleveland	Shelfield, Massachusetts
910	In churns	12	Erastus Townsend	Canaan, Columbia county, New York
	Machine for splitting skins	12	Isaac Cobb	Walpole, New Hampshire
	do. for cleaning rice	12	Jonathan Lucas, jun.	Charleston, South Carolina
	In distilling	13	Eli Barnum and Benjamin Brooks	New Marlboro, Berks. county, Mass.
	In funnels for filling vessels with fluids	13	Philip Apple	Philadelphia

No.	INVENTIONS.	When issued.	NAMES OF PATENTEES.	RESIDENCE.
945	Machine for making balls and shot by pressure	1808.	Thomas Bruff	Washington City
	In military knapsacks	Oct. 5	John P. Lherbette	do.
	In churns	7	Samuel Moon, jun.	Downingtown, Chester county, Penn.
	In ovens	24	John West	Stafford county, Virginia
	A black pigment or mineral black for printing ink, or painting in oil or water	27	Jacob Cist	Wilkesbarre, Pennsylvania
	A rarefying air stove for warming rooms, &c.	28	Daniel Pettebone	Roxbury, Norfolk county, Connecticut
	In looms for weaving of every kind	28	Charles Cooper	Lebanon, Dauphin county, Penn.
	Machine for separating grain and seeds from straw, &c.	4		
	Machine for scrubbing or scouring floors of houses, &c.	Nov. 0	Randall Wallis	Baltimore
	In refining lamp oil	17	Simon B. Willard	Bloomfield, Ontario county, New York
950	In stills and rotary steam engines	17	Eli Fourestier	Philadelphia
	In boots and shoes	21	Stedman Adams	Boston
	In McComb's horizontal, re-acting water wheel	21	Samuel Chamberlain	
	In ploughs	23	Joel Farnham	Owego, Tioga county, New York
	A rolling wheel on an inclined shaft	25	Richard B. Chenoweth	Baltimore
	A churn and washing machine	30	Stephen Mirick	Madison county, New York
	A mill for breaking plaster of paris, &c.	Dec. 5	John Devotie	Vernon, Oneida county, New York
	In grist mills	8	William Brown	Baltimore
	An elastic trace and brace, by connected springs	8	Rufus W. Adams	Marlboro, Windham county, Vermont
	Machine for rolling and plating iron, and cutting nails	10	Benjamin Giddins	Baltimore
960		10	Stephen Couch and Asa Towne	Boston

965	In the churn In still tubs Machine for dressing shingles An alarm bell for fire engines In the cheese press A double boiler for distilling In casting pipes or tubes Mode of suspending or hanging pleasure carriages, &c. In the cheese press In distillation A gear press for pressing cheese, &c. The vegetable pulmonic detergent For cleaning clover seed	Dec. 10 12 13 19 19 19 26 26 27 28 28 31 1809. Jan. 6	Luther Jones Isaac Dennitt Robert Nicholson and Thomas Nicholson James P. Parke Levi Martin Anos Gunn Willard Badger Joseph Henderson Hezekiah Dickerman John Dimond Hazen Erwin George Rogers William Sampson and Cyrus Curtis Pliny Upham William Miller Samuel Stansbury Abraham Horn Joel Farnham Seth Boyden Moses Moss Septimus Tucker Jonathan Pratt William Ross James Blanchard Samuel Bartlett William Thornton Samuel Bolton	Canton, Hartford county, Connecticut Newtown, do. Bairdstown, Kentucky Philadelphia Granville, N. Y. New Haven, Connecticut Boston Gilford, Connecticut G. Barrn. Berkshire county, Mass. Philadelphia Boston Northampton, Massachusetts New Haven, Vermont Brookfield, Massachusetts New York do Easton, Northampton county, Penn. Owego, Tioga county, N. Y. Foxborough, Norfolk, Massachusetts Farmington, Hartford co. Connecticut Dublin, Philadelphia county, Penn. Middletown, Connecticut New York do Hartford, Connecticut Washington city Philadelphia
970				
975	Automatic forcing pump Machine for manufacturing dip candles Machine for dipping candles In pumps Machine for making window sashes Machine for splitting hides and shaving leather In hair combs A washing and wringing machine A composition for the bottoms of vessels In carriages In fastening to window shutters, &c. In the clay conduit In steam boats and boilers, &c. Machine for heating liquids			
980				
985				

No.	IN /ENTIONS.	When issued.	NAMES OF PATENTEES.	RESIDENCE.
990	Machine for dressing flax and hemp Machine for pounding rice, &c. A distilling apparatus For discolouring linseed oil, imparting to it a drying quality and converting it into an uncoloured varnish Improvement in making gin cordial, called Holland's gin Machine for sawing timber in a circular form Improvement in steam boats For cleansing lye and melting pot ash A washing machine A flax and hemp machine An overshot strap or chain wheel, to go by water Machine for propelling boats, &c. by horses A thrashing and winnowing machine Mode of making paper from Alga or seaweed Machine for paring, quartering, and coring apples In the mode of teaching to read In bellows for forges A washing machine For thrashing and other purposes In constructing of mills, and the means of communicating a rotary motion by an auger, spindle and spur wheel with cylindrical teeth	1869 Jan. 9 19 30 30 31 4 Feb. 11 11 11 11 13 14 15 15 16 16 16 16 17	Richard S. Chappel Alexander Duncan Moore Antoine Boucherie Nicholas Simon Parman- tier Antoine Boucherie James Linsey Robert Fulton Jonathan Jones Eli F. Hill do Richard Berrian Moses Crafts Lawrence Hoek Samuel Green Willard Badger Hugh Chard Henry Dotterer Azriel Blodget Robert Patten	Pawlet, Rutland county, N. Y. New Hanover, North Carolina Philadelphia Philadelphia Philadelphia Casenovia, Madison county, N. York New York Fabias, Onondago, N. Y. do do New York Troy, New York Frederick county, Maryland New London, Connecticut Boston Courtland town, Washn. co. N. Y. Philadelphia Amherst, Hampshire county, Mass. Columbia, Pennsylvania Pennsylvania
995				
1000				
1005				

1010	In mills by a wheel of a new construction	22	Ephraim Rew	Canandaigua, New York
	In stoves	22	James Fales	Newport, Rhode Island
	In curing tobacco	25	John Robinson	Charlottesville, Virginia
	In navigating rivers and shoal waters	24	Michael Williams	Albany, New York
	Application of the pendulum to mills, &c.	24	Isaac Cobb	Walpole, New Hampshire
	In making Bene oil	1	William Few	New York
	Machine for extracting hair and cutting for from peltry	1	Ephraim Cutter	Brattleboro, Windham co. Vermont
1015	In making bow strings for hatters	1	Daniel Nichols	New Milford, Connecticut
	A churn	2	Ira Millington	Warren, Herkimer co. New York
	In scows and boats	2	Elihu Sherman	Lansingburgh, Rensselaer co. N. Y.
	Machine for gutting out clover seed	3	Samuel Condon	New Hartford, Litchfield co. Conn.
	Machine for thrashing grain and breaking and dressing flax, &c.	3	do.	do.
1020	In ovens	3	John Barnitt	Upper Providence, Montgomery co. Pen.
	A washing machine	3	Joseph Yarwood	New Brunswick, New Jersey
	A cement intended as a substitute for slates, tiles, &c. for covering houses	11	Charles Morneweck	Baltimore
	Machine for planting Indian corn, &c. in rows	13	John Beecher	Lycoming co. Pennsylvania
	Machine to facilitate the coloring and finish- ing of silk stuffs, &c.	18	Abner Stearns	W. Cambridge, Middlesex co. Mass.
1025	In washing machines	22	Levi Anderson	Bristol, Bucks co. Penn.
	A washing machine	23	William Buckman	Arundell co. Maryland
	A case or kirk to be used to prevent excava- tion in sinking wells and boring into loose ground	23	Job Cowperthwaite, senr.	
	Horizontal wheel for cutting and heading nails	13	Jesse Reed	Kingston, Massachusetts
	In making salt	15	Benjamin Wheeler	Boston
1030	A washing machine	17	Garry Bishop	Madison co. New York

No	INVENTIONS.	When issued.	NAMES OF PATENTEES.	RESIDENCE.
1035	In the hand saw A churning machine In harness Machine for heading cut nails A washing and wringing machine A geometrical interest table Improvement in currying and finishing leather of all kinds, &c. Machine for laying out window sashes A tide water or river wheel In weaving straw with silk or thread Machine for splitting leather and skins, &c. A balance spring catch lever In churns In wooden combs In churns A cheese press In compounding a blue colour as a substitute for indigo A washing machine do. Machine for cutting straw A washing and churning machine Machine for dividing and boring hubbs, &c. A washing machine Medicine to prevent or cure the effects of the bite of a mad dog	1809. April 17 21 21 21 24 24 26 27 May 1 5 8 8 9 9 10 13 15 15 21 25 June 7 7 8 9 9	Isaiah Jennings Ezra G. Jones Benjamin Mirick Samuel Wilmot, junr. Lemuel Bachelor Gersham Cobb Samuel Parker David Worthington William Stubbs Mary Kies John Woodcock Levi Kendall Hezekiah Dickerman Nathaniel Jones George Votce Phineas Allen Samuel De Riemer Orin Chatfield Nicholas Van Zandt Roger Haskell Gartener Osgood James B. Cleveland Martin Lee Elizabeth Stoy, executrix of Wm. Stoy Jacob Reed	New York Otsego, New York Rutland co. New York New Haven, Connecticut Vernon, Oneida co. New York Boston Hartford, Connecticut Chillicothe Killingly, Windham co. Connecticut Worcester, Mass. New York G. Barrington. Berks. co. Massachusetts Southington, Hartford co. Conn. Berling, Hartford co Connecticut Burlington, Otsego co. New York Poughkeepsie, New York Burlington, Otsego co. New York City of Washington Burlington, Otsego co. N. Y. Madison co New York Bergan co. New Jersey Burlington, Otsego co. New York Lebanon, Dauphin co. Pennsylvania Charleston, S. Carolina
1040				
1045				
1050				
1055	For pounding the husk off rice			

1060	A sea table A uniform turning lathe A churn A washing machine Mill for grinding painter's colors, &c. In the telegraph Machine for carding wool Mode of boring boxes for axletrees of carriages, &c. For roving flax and hemp for spinning, &c. Machine for moving ground in rivers, creeks, &c. A water table for doors, &c. In shutters for windows A water buck and towel for smiths A washing machine A worm boiler A mechanical pump Machine to lay cables and spin ropes of any size In the churn On the time and striking parts of a clock In chimneys Machine for polishing and graining morocco leather Mode of making combs with hoofs of cattle Machine for cutting straw do for cutting nails A washing machine and press Machine to facilitate the dying of silk goods, and frame to finish them	June	9 10 13 13 13 14 14 14 16 16 16 17 17 24 24 24 24 26 26 26 26 27 27 27
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William H. Richardson	Baltimore
Amos Hagget	Middlesex co. Massachusetts
John M'Coord	Washington, Dutchess co. New York
Isaiah Jennings	New York
John J. Wells	Hartford, Connecticut
William Shultz	Baltimore
Daniel Smith	Philadelphia
Aaron Broad	Salisbury, Litchfield co. Connt.
George Brown	Schatecoke, Ransr. co. New York
William Shultz	Baltimore
Nathaniel Briggs	Windham, Brattleboro, Vermont
Truman Bartolomew	New York
Oliver Ames	Plymouth, Mass.
Thomas Pierce	Fishkill, N. Y.
James Truman	Philadelphia
William Shultz	Baltimore
do.	do.
Luther Thomson	Sturbridge, Worcester co. Mass.
Ira Ives	Bristol, Stratford co. Connecticut
Lewis Loesene	Philadelphia
Jacob Perkins	Boston
Robert Gedney	New York
Jacob Canfield	Morristown, New Jersey
Luther Bissel	Hartwick, Otsego co. New York
Amos Hosford and Ezekiel Kelsey	Berlin, Hartford co. Connecticut
William Barrett	

No	INVENTIONS	When issued.	NAMES OF PATENTEES.	RESIDENCE.
1085	For shearing cloth	1899.	David Dewey	Poultney, Rutland co. Vermont
	Machine for cutting dyer's wood	June 27	Ephraim Hubbel	Middlebury, Addison co. Vermont
	For raising mud from rivers, &c.	27	John Newman	Providence, Rhode Island
	For securing a button in a lathe, &c.	27	George W. Robinson	do.
	In pumps	23	Jacob Canfield	Morris Town, New Jersey
1090	A trigononmeter or trigon, for ascertaining the sides of angles, &c.	28	William Chamberlin	Flamingsbury, Kentucky
	A hemp and flax spinning machine	23	Nathaniel Foster	Madison county, New York
	A washing machine	30	Timothy Freeman	Dumfries, Prince William county, Vir.
	Machine called the wheat rubber	1	James Deneale	New York
	The rapid juck, for ascending rapids	3	Augustus Sacket	Lisle, Broome county, New York
1095	A spiral float wheel mill	5	Fitch Ives	Baltimore
	For manufacturing light hats	6	Henry Lainhart, jun.	Southington, Harford county, Con.
	In hair combs	6	Timothy Stanley	Baltimore
	Machine for tempering clay	6	John Mathews	Philadelphia
	Mode of distilling spirits from corn stalks, &c.	6	Burgess Allison	Sheffield county, Massachusetts
1100	A revolutionary astronomical time keeper, &c.	7	Theodore Newell	Baltimore
	An over balanced pendulum lock	7	Samuel Goodwin	Whitestown, Oneida co. New York
	A twisting or bubbling machine, for weaving the wire-work of paper maker's moulds, &c.	7	Phares Bernard	Philadelphia
	A pipe or grate boiler and heater	7	Samuel Bolton	Chester county, Pennsylvania
	A turning lathe	10	William Ross	New York
	A spiral truss	13	Philip A. de Savigniac	New Haven, Connecticut
	In pruning shears	13	Simeon Jocelin	Reading, Steuben county, New York
	Machine for riving and shaving shingles, &c.	15	Jacob Balcomb	

1105	In manufacturing shot A cheese press A planting plough Machine for cutting screws of wood A balance wheel uniform working pump A stump lifting machine In the cabouse In the wood saw A double podded centre screw auger In hot pressing all kinds of paper, &c.	17 18 18 19 25 27 27 31 31 31	John William Jope Benjamin Atwell Frederick Woodward Abel Stowell James Josslyn David Stone George Youle James Hamilton Ezra L'Hommiedieu Francis Bailey	Philadelphia. Burlington, Otsego county, New York New Lisbon, do. Worcester, Massachusetts Hanover, Plymouth county, Mass. Clearmont, New Hampshire New York Brookfield, Worcester county, Mass. Saybrook, Middlesex county, Con. Salisbury P. O. Philadelphia and Lancaster turnpike road
1115	Improvement in the hydraulic ram A churn Machine for planing boards A washing machine A churn A truss for the prevention and cure of ruptures A wheel to operate by wind or water A flax dressing machine The Barbal Alkhest, or Magic Lotion A horizontal mill Machine for paring and coring apples A nail machine In ameliorating spirits and wines, &c. A mode of imitating natural mineral waters, &c. Machine for making horse shoes A churning machine	Aug. 10 11 12 15 17 18 23 24 25 25 1 7 11 11	Joseph Cerneau & Stephen S. Hallet Thomas Nicholson Christian Riiter Shubael Kimball Benjamin U. Lapish Joseph Cerneau William L. Bakewell Jonathan Barlow John Hopkins Israel Kelsey Stephen Cruttenden Joseph Elgar, senr. & John Elgar William Thornton Joseph Hawkins Stephen Decatur & William Tatham Nathaniel Harrington	New York Nelson county, Kentucky Beaver, Northumberland co. Penn. Rhinebeck, Dutchess county, N. York Durham, Stafford co. N. Hampshire New York New Haven, Connecticut Granville, Massachusetts Philadelphia Hartford, Connecticut Gillford, Newhaven county, Con. York Town, Pennsylvania Washington City Baltimore Whites Town, Onida county, N. York
1120				
1125				
1130				

No.	INVENTIONS.	When issued.	NAMES OF PATENTEES.	RESIDENCE.
1135	In cotton twisting frames, denominated the Delaware spinner	1809.	Jacob Alricks	Wilmington, Delaware
	Improvement in the steam engine, for boats, mills, &c.	Oct. 11	Daniel French	New York
	In the striking part of a clock	12	Lemuel J. Kilborn	Pennsylvania
	Machine to press cheese, cyder, oil, tobacco, &c.	12	Israel Nichols	Otsego county, New York
	Machine for furrowing two or three furrows at a time, and dropping corn, &c.	12	Martin Nichols & Israel Nichols	do.
	In casting wheels for clocks, &c.	13	Lemuel J. Kilborn	Pennsylvania
1140	The bureau dressing table	13	Nathaniel Perry	Boston
	A washing machine	14	Rozel Philips	Otsego county, New York
	A trip hammer	14	John Smith	do.
	A churning machine	14	Benjamin Atwell & Israel Nichols	do.
	A mould for running cart boxes	17	Samuel Smith, 2d.	Amherst, Hampshire county, Mass.
	In melting metals, &c.	17	Joseph Walworth	New York
1145	Machine for manufacturing bricks, tiles, &c.	17	John F. Gould	Newburyport, Massachusetts
	Machine for striping leather	26	David Ridgway	Baltimore
	For splitting shingles	31	Joseph Coppinger	do.
	A planing machine	31	do.	do.
	For threshing and cleaning grain	31	Robert Robinson	Leesburgh, Virginia
	A washing machine	Nov. 3		
	Machine for binding and securing cotton, hay, &c.	7	David P. Simmons & Condy Raguet, administrators of James Simmons	Philadelphia

1150	A horizontal water wheel A churn Machine for manufacturing spoons Improvement in Wm. Bent's machine for splitting hides and skins Machine for cleaning rice Mode of distilling with cast iron stills In casting iron, brass and composition nails Mode of preserving animal and vegetable substances In the application of heat to fluids	Nov.	20 20 20 20 21 21 22 23 22	David Parmelee Enoch Burt Isaiah Bisbee William Brown Roosevelt King Joseph Coppinger Joseph Walworth Joseph Coppinger Samuel Applegate, Thomas Howard and Peregrine H. Wharton Peregrine Williamson	Redding, Fairfield county, Connecticut Princeton, New Jersey Bath, Lincoln county, Massachusetts Philadelphia Pawtucket, Glyn county, Georgia Beaufort, South Carolina New York Beaufort, South Carolina
1155	A metallic writing pen A flexible platform for giving motion to wheels and machinery of all kinds A circular saw mill or machine In geometrical writing plates A thrashing machine In the mariner's or surveyor's compass A double bored pendulum pump An improved balance wheel pump A churn In the fishing seine and mode of using it Machine for sawing felloes for wheels, &c. A floating mill and silent fisher A sawing machine	Dec.	22 22 24 25 29 1 5 8 8 16 20 21 21	John Johnson, jun. George Huling Samuel Ellis John Meriwether Syme William Russell Atkinson Farrar Lewis Schrack John Witmore Philip Groff William E. Sheffield Ebenezer Ford Ezekiel Olds and Pliny Upham	Philadelphia Baltimore Charleston, South Carolina Shafsbury, Vermont New Bedford, Bristol county, Mass. do Montgomery county, Pennsylvania Norristown, Montgomery county, Pen. Litchfield, Connecticut Little York, Pennsylvania New York Charleston, South Carolina
1160	Machine for drilling rocks, &c. A thrashing and shelling machine A hemp break		21 27 28	Elihu Jones & Philip White Ann Cady William Mason	Worcester, Mass. Brookfield, Worcester county, Mass. Florida, Montgomery county, N. York Washington county, Ohio
1170					

No.	INVENTIONS.	When issued.	NAMES OF PATENTEES.	RESIDENCE.
1175	A chain band with buckets or float boards, to give motion to the machinery of mills In the construction of steam engines and boilers, &c	1809. Dec. 28 1810. Jan. 3	Stephen Belknap	New York
1180	In plating gun barrels, locks, &c. In the trip hammer A churn Machine for carding and spinning wool by one continued operation In plating horn combs with tortoise shell A coopering machine In the marine time keeper A machine for compressing sole leather A hopper blower An universal protractor For sawing timber, &c. without a stub-short For thrashing and cleaning grain For thrashing grain and seed A circular printing press	4 8 8 8 8 15 18 18 19 20 25 25 1	John Stevens John Fowler Ezra Osborn David Osborn Alanson Holmes John P. Spies Oliver Barber Isaac Gill Jonathan Elliot Thomas S. Barnum Ennion Williams Elisha Cook Joseph Comfort John Comfort John P. Sawin & Thomas B. Wait	do. Lancaster, Pennsylvania Berkshire county, Mass. do. Poinfret, Niagara county, New York Baltimore Hartford, Connecticut Charleston, South Carolina Sharon, Litchfield county, Connecticut do Philadelphia Bethlehem, Berkshire county, Mass. Bucks county, Pennsylvania do.
1190	A water elevator In sinking wells, in or under water. A washing machine Manufacturing Barilla from tobacco stems, corn stalks, &c	Feb. 1 1 1 1	John P. Herrick, junr. Peleg Easton Syvester Noble	Boston Albany, New York Nantucket, Massachusetts Hosick, Rensselaer county, New York
1195	Loom for weaving girt and cloth, &c. with one hand	5 8	George Easterly Robert Lloyd	Richmond, Virginia Philadelphia.

A jointer and gage machine . . .
 Method of making sheaves for blocks . . .
 Machine for extracting hair from peltry . . .
 In the refining of camphor . . .
 Mode of engraving and printing important papers, to prevent counterfeiters . . .
 In stove pipes . . .
 Sawing plank or timber, so as to leave no stub short . . .
 Measuring grain and seed, &c. . .
 A mortising machine . . .
 In the weaving machine . . .
 Machine for cleaning grain and destroying insects . . .
 A system of signals for vessels . . .
 A pendulum scale . . .
 A cheese press . . .
 A machine for pressing cotton, &c. . .
 Improvement in the construction of bridges and other architectural works . . .
 Machine for raising grain, by blowing, &c. . .
 Moulds for casting boxes for carriage wheels . . .
 In the churn . . .
 In bridges . . .
 In the saw mill . . .
 A nail cutting machine . . .
 A ship carpenter's boring machine . . .
 A mitre point borer . . .
 A spring bolt and key, for raising and fastening windows, &c. . .
 A machine for moulding and rolling iron, &c. . .

Feb. 10 John Wadsworth
 12 Enoch Colman Toppan
 12 Ephraim Cutler
 12 Henry Mead
 13 George Murray
 13 John Parkhurst, jun.
 15 John Sweet
 15 Peter H. Schenck
 15 Henry Parmele
 16 Walter Jones
 20 Joel Morgan
 21 Nathaniel Shaler
 21 Moses L. Morse
 21 Ebenezer Raymond
 22 Richard V. W. Thorne & John Thorne
 23 Joseph Joshua Dyster
 March 5 Jeremiah Bailey
 5 Leonard Farwell
 5 Benjamin Fairbanks
 0 John Templeman
 7 Abel Wright
 8 Briggs Rogers Reid
 8 Benjamin Hall
 8 do.
 8 Roger Smith
 14 Josiah White

Milton, Massachusetts
 Essex, Newburyport, Massachusetts.
 Walpole, Cheshire county, N. Hamp.
 New Haven, Connecticut
 Philadelphia
 Cheshire, New Hampshire
 Bethlehem, Berkshire county, Mass.
 New York
 Killingworth, Middlesex county, Con.
 Ashford, Windham county, Con.
 Baltimore
 New York
 Cambridge, Middlesex county, Con.
 Sherburn, Chanango county, New York
 New York
 Philadelphia
 Chester county, Pennsylvania
 Lancaster, Worcester county, Mass.
 Worcester, Massachusetts
 Georgetown, Columbia District
 Canaan, Columbia county, New York
 Danvers, Essex county, Massachusetts
 Canaan, Columbia county, New York
 do.
 Norwich, New London county, Con.
 Philadelphia

No.	INVENTIONS.	When issued.	NAMES OF PATENTEES.	RESIDENCE.
1225	For planking hats	1810.	John Gregg	Green county, Pennsylvania
	For sawing timber	March 14	Adonijah Jones, jun.	Bethlehem, Berkshire, Massachusetts
	In rollers for sheaves of blocks	14	Mark Loughton	Portsmouth, Rockm. co. N. Hampshire
	Machine for separating onion seed from grain	16	Lazarus Ruggles & Daniel Tomlinson	Brookfield, Connecticut
1230	Machine for mortising and tenanting, &c.	17	Sylvanus Baldwin	Mt. Pelier, Caledonia county, Vermont
	A distilling apparatus	17	William Chamberlin	Representative from Vermont
	Machine for shaving hoops out of split timber	17	David Shriver	Petersburg, Adams county, Penn.
	Process of and machinery for stamping and staining leather, &c.	19	Robert Robinson	Newburyport, Massachusetts
1235	In the spinning wheel	19	Winsor Drury	Brookfield, Worcester county, Mass.
	Machine for beating out rice, &c.	19	John Beck & Joseph Coppinger	Becks-ferry, South Carolina
	For driving the whip saw	19	Joseph Coppinger	Fredrick, Georgia
	Propelling and navigating boats, vessels, rafts, &c.	22	Abm. Gulielmus Domini Tuthill	New York
1240	Machine for making mortar	22	Daniel Hunt	Stanford, Connecticut
	In the gas lamp	24	David Melville	Newport, Rhode Island
	A pressing machine	26	Richard V. W. Thorne & John Thorne	New York
	A horizontal pump	29	Luther Holland	Belcherston, Hampshire, Massachusetts
1240	Machine for manufacturing ivory combs	28	David Williams, 3d.	Saybrook, Middlesex county, Con.
	In manufacturing salt	28	Benjamin Wheeler	Boston
	Screw grist mill	28	Joseph L. Miller	Brookfield, Madison county, N. York

1245	A thrashing machine do.	March 30	Joseph Beach	Northfield, Massachusetts
	For spinning flax	30	Isaiah Jennings	Brookfield Madison county, N. York
	A perpetual still and evaporator	31	Alpheus Webster	Green county do.
	In water wheels for mills	April 2	Robert Gillespie	Seneca county do.
	Wheel wright's labor-saving machine	4	Jonathan Minor	Saratoga county do.
	Earthen or clay tubes for aqueducts	4	Mellen Battle	New York state
	A funnel with a vent	9	James Ramsey	Burke, Caledonia county, Vermont
1250	A marble or pipe stone turner	9	David Clark	West Stockbridge, Berks co. Mass.
	Machine for cutting, chiselling and polishing marble, &c.	9	do.	do.
	A horse mill	10	Anson Clark	do.
	A saw and grist mill	10	Ephraim Brown	New Market, Dorchester co. Md.
	A trip hammer	10	Joseph Ennals	Ducyter, Madison county, N. N.
1255	In the heads of spinning wheels	11	Elisha Downer	Marcelles, Oneida, New York
	A churn	11	Amos Miner	Tyngsborough, Middlesex co. Mass.
	In beehives	11	Aaron Smith	Bethlehem, Berkshire county, Mass.
	In the quadrant	14	John Sweet	Caledonia, Vermont
	Machine for pressing clothes	14	Josiah Arnold	Berlin, Hartford, Connecticut
1260	In the turnpike gate	16	Joseph Sage	Canaan, Columbia county, New York
	In the flax machine	16	Jeremiah Brainard	Canaan, Columbia county, New York
	A cylinder roller, for distributing ink on copper plates, for copper plate printing	17	Oliver Wilde	New York
	A cheese vat, for forming pine apple cheese	17	Andrew Maverick	Goshen, Litchfield county, Con.
	Machine for breaking dough	17	Lewis Mills Norton	Nantucket county, Massachusetts
	In constructing chimneys to prevent smoking	18	Cromwell Barnard	Medway, Norfolk county, Mass.
1265	In preparing carbonated silk and paper, for multiplying writings	20	Oliver Richardson	Philadelphua
	In lamps and the liquid to be burned therein	21	Joseph Hartshorne	Baltimore
	Machine for cutting fur from skins and pelts	21	Joseph Hawkins	New York
	do. for raising water	24	Martin Clark	Williamson county, Tennessee
			Samuel Curry	

No	INVENTIONS.	When issued.	NAMES OF PATENTEES.	RESIDENCE.
1270	Machine for sawing wood, &c. in a circular form In coaches and other carriages Machine for pricking leather to be stitched do. for cutting and dressing filloes A washing and churning machine A spring tree saddle A trip hammer In wind mills Machine for shaving and splitting hides, &c. In the manufacturing of tobacco A fanning mill In wheel carriage boxes In casting metal crews Machine for cutting tennons in wood	1810. April 24 24 24 25 25 25 25 25 25 25 27 28 28 28	Roger Smith Frederick Bremser Robert U. Richards and Mills Church Samuel Church Jesse Roberts David C. Mosely Oliver Ames Russel H. Wright Nathaniel P. Whiting Peter Lorillard Samuel Snelcker John Nicholson John Nicholson Ebenezer Basford & Elisha Johnson	Norwich, New London, Connecticut New York Norfolk, Litchfield county, Con. Amherst, Hampshire county, Mass. Germanatown, Pennsylvania Boston Plymouth, Massachusetts Boston Providence, Rhode Island New York Johnstown, Montgomery co. New York Town and co. of Herkimer, do. Herkimer, do. Livermore, Oxford county, Mass. do.
1285	do. for trying sash stuff, &c. In manufacturing military hats In distilling by steam Machine for sawing boards, &c. A boring machine Machine for turning gun barrels Elastic piston bellows A saw mill to be worked by hand, &c. A varnish for leather Machine for shelling corn	May 1 1 1 1 1 3 3 8	Ebenezer Basford Shubael Hoskin John Morris Bennett Oliver Judd, jun. John Webster Seth Youngs Henry Dotterer George Harris John David John Heaven	Catskill, Green co New York state Middletown, Middlesex county, Con. Loudon, Berkshire county, Mass. Gt. Barrington, Mass. Hartford, Con. Philadelphia do. do. Frederick town, Maryland
1290				

1295	Machine for cutting fur from peltry For shearing cloth do. An elastic lamp reflector, or elastic tubes for Argand's lamps In the tide mill In suspenders A mining auger Improvement in shearing cloth In medicine, being a preparation called Lee's (Windham) bilious pills A pumping machine Machine for making saddle trees Machine for cleaning grain and seeds A reflecting and magnifying lantern A perpetual balance scale A pendulum machine for various purposes A fly or trip hammer Copperplate printing, and modes of prevent- ing counterfeits In fire places In winding and spinning wire An apparatus for distilling A mode of breaking horses and cattle A washing machine In boat and ship building In rolling iron round for ship bolts, &c. In fire places In making printer's ink In constructing mills In casting hinges	9 9 15 17 17 18 18 24 24 28 1 8 8 9 13 16 16 18 18 21 23 26 27 27 27 28 30 3	Eleazer Sprague do. Herman Mathews Josiah Flag & Josiah Flag, jr. John P. Sawin and Jacob Skinner James Davis Perkins Nichols Beniah Swift Samuel Lee Royal Yeamans Reuben Fairchild and Eben Fairchild William H. Peabody Winslow Lewis Russel H. Wright Joseph Lefever Joseph Hines Jacob Perkins Ebenezer Whiting Henry Burke Augustus Tubey David Cooley Isaac Loosborow William Phcebus Clement Rentgen Charles D. Cooper Berry Chase Jeremy Frisbie George A. Rogers	June July	Danbury, Fairfield county, Connecticut do. Delaware Boston Roxbury, Norfolk county, Mass. Philadelphia Boston New York New London, Connecticut Springfield, Massachusetts Fairfield, Trumbull county, Conn. Woodbury, Litchfield county, Conn. Boston do Providence, Rhode Island Providence, Rhode Island Boston Gl. Barrington, Mass. Philadelphia Alford, Berkshire county, Mass. Orange county, New York New York do West Chester, Pennsylvania Albany, New York New London, Conn. Pennsylvania Newburyport, Mass.
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No.	INVENTIONS.	When issued.	NAMES OF PATENTEES.	RESIDENCE.
1325	In moulds for casting boxes for carriage wheels	1810.		
	A flat bottom boat with moveable keels	July 6	Samuel Smith, 2d	Amherst, Massachusetts
	Machine for drying corn and grain of all kinds, &c.	7	Samuel Buel	Burlington, Vermont
	Machine for boring blocks for cartouch boxes, brushes, &c.	7	Benjamin Parry	Bucks county, Pennsylvania
	A cylindrical leather splitting mill	10	Valentine Bogenreiff	George Town, Ca.
	Machine for shaving shingles	12	Phineas Dow	Boston
	In distilling	13	Abiel A. Cooley	Boston, Connecticut
	A draining plough	13	Michael Garber, senr.	Staunton, Virga.
	In manufacturing cut nails, cut points and cut brads	13	Stephen Hall	Boston
	Machine for smoothing linen	17	Jacob Perkins	do
1330		17	Wm. P. Smith and Jacob Odell	Durham, Stafford co. New Hampshire
	Machine for shaving and dressing shingles, &c.	26	Daniel Newel	Saratoga, N. Y.
	A churning machine	26	Ephraim Bacon	Hancock county, Mass.
1335	Machine for boiling water and producing steam	26	John H. Williams	Brunswick, New Jersey
	A Chinese chain pump for raising water	Aug. 2	Jeremiah Black	Northumberland, Pennsylvania
	Machine for cutting dye woods	13	Jedediah Richards, 3d	Norfolk, Litchfield co. Connecticut
	In tanning hides	14	Edward Sizer	Spread Eagle P. O. Delaware co. Penn
	An extrinsic roller nail machine	14	John Fairbanks	Boston
	For cramping Sawarow boot legs	14	Eleazer Lundy	New York
	The Grecian chaise body	15	Phineas Dow	Boston

1340	Machine for thrashing, fanning and cleaning grain	Aug. 15	Ezekiel Miller and John Andrews	Westmoreland, Oneida co. N. Y.
	Mode of saturating water and other liquids with carbonic acid gas, &c. &c.	16	Charles D. Simons & Jean J. Rioudel	Charleston, S. Carolina
	In the mode of winding the thread and quilts of a shuttle for weaving, called the thread guiding quill wheel	16	Levi Ruggles	Boston
	In making harness for carriages and saddlery	16	Benjn. Foster, Daul Washburn, Northorp Rockwell & Jas. O. Walker	Castleton, Rutland co. Vermont
1345	The socket hair comb	17	Eli Parsons	Bristol, Connecticut
	In the churn	17	Simeon Gray	Gencsee, N. York
	The domestic spinner	17	Ebenezer Hecarrick	Albany, N. York
	Machine for cutting and heading nails at one operation	18	Brigs Rogers Reid	Salem, Massachusetts
	Machine for winding spools and bobbins for weaving,	20	Walter Janes	Ashford, Connecticut
	In making brick or artificial stone without burning	21	Joseph B. Harris	Philadelphia
1350	A machine for making bricks and tiles	22	Daniel French	New York
	An apparatus for propelling boats by steam, &c.	29	Ralph Letton	Albany, New York
	A windlass lever press	31	Thaddeus Williams	Philadelphia
	In making rifle guns	31	Elisha Strong and Cotton Killogg	
	Machine for swaing or setting shovels, &c.	31	Upton Reid	New Harford, Litchfield, Connecticut
1355	Machine for breaking flax and hemp	31	Nathaniel Perrine Robinson	Near Jopper Cross Roads, Harford, Md.
	A new constructed loom	Sept. 1	Water Janes	Fleming county, Kentucky
	A double screw press	4	Elisha Winter	Ashford, Connecticut New Orleans

No.	INVENTIONS.	When issued.	NAMES OF PATENTEES.	RESIDENCE.
1360	A carriage block for sawing timber, &c. without a stubshort	1810. Sept. 6 8 11 12 16	William Underwood	Herkimer, New York Middlebury, Vermont New York West Brookfield, Massachusetts Kingston, Plymouth county, Mass.
	A Columbian balance		William Granger	
	A smook conductor		John C. Teale	
	A weaving machine		Samuel Blydenburgh	
	Machine for cutting and heading nails at one operation		Jesse Reed	
	In making elastic clear starch, &c. from wheat, in making spirits from the residue, and taking mildews, &c. from linen	16 18	Elijah Perkins	Shrewsbury, Monmouth county, N. J.
	In steering vessels		John Philips and James Smallman	
1365	Machine for cutting and heading nails at one operation	26 1	William Miller	New York
	In teaching the art of writing		Samuel Randal	
1370	A composition for the cure of the scrophula and cancer	8 8 9 52 25	Elias Willard	Albany, New York Painesville, Ohio
	A washing machine		William Jackman	
	Machine for cutting smoaked beef		Seth R. Kneeland	
	Machine for sawing various articles of carpenter's, wheelright's, joiner's and cooper's work		David Parmelee	Redding, Fairfield co. Conn. Parsonsfield, Massachusetts
	A currying knife		Stephen Parsons	
	Improvement in the boiler invented by and patented to Timothy Kirk, and in the rectifying still patented to Wm. Chamberlin	29	William Eaton	Baltimore

In preparing quercitron, or black oak bark, for dyeing and tanning	30	Nathan Harper	Frankfort, Pennsylvania
In water wheels, a compound wheel and chain or band wheel for propelling boats by steam, &c.	Nov. 1	Pinder Antrim and Samuel Bolton	Philadelphia
Machine for splitting and shaving skins and leather	1	Philip White	Worcester, Brookfield, Mass.
In stoves	6	Augustus Graham,	Fredericktown, Maryland
In the windlass and capstan	6	John Galvin	Philadelphia
A horizontal double forcing pump for fire engines, &c.	6	Eli Smith	Palmer, Hampshire co. Mass.
A mode of destroying the Hessian fly and Weevil, or preventing it from injuring wheat or grain	18	William Armistead	Prince William co. Virginia
In the loom	17	Philo Clinton Curtis	Paris, Oncida co. New York
A steam still and water boiler	17	Phares Bernard	Whitestown, Oncida co. New York
Machine for cutting tan bark and softening hides, fulling cloth, and for a grist mill, &c.	20	Chester Griswold and Hosea E. Potter	Otsego, New York
Machine for boiling potatoes, pumpkins or other food, for cattle or swine, by steam	20	Hosea E. Potter	Otsego, New York
A crank engine for raising and throwing water	21	Joseph Clap	Montague, Hampshire, Mass.
In grated fire places	24	Augustus Graham	Fredericktown, Maryland
In heating water in vats to expedite the tanning of leather, &c.	24	Allen Henderson	Gt. Barrington, Berks co. Mass.
In wooden C springs for carriages	27	William Robinson	Wilmington, Delaware
A water wheel for mills	Dec. 5	Aaron Reuck	Chillicothe, Ohio

1375

1380

1385

No.	INVENTIONS.	When issued.	NAMES OF PATENTEES.	RESIDENCE.
		1810.		
	In the method of using the common screw auger	Dec. 11	Oliver Stetson and Wm. Sehree	Georgetown, Boone co. Kentucky
1390	A washing machine	15	Daniel Robinson	Franklin, Delaware co. New York
	For coring and quartering apples	15	Cyrus Gates	Rutland co. Vermont
	A thrashing machine	15	Daniel C. Arnold	Baltimore
	A double perpetual still and mode of using it	22	John James Giraud	Connecticut
	A diving dress	24	Chauncy Hall	Tyringham, Berkshire co. Mass.
1395	In manufacturing hats	26	Samuel Tibballs, junr.	
	Improvement in their sawing machine, patented 21st Dec. 1809	26	Ezekiel Olds and Pliny Upham	Brookfield, Mass.
	In window springs	27	George Cannon	Nantucket, Mass.
	Machine for printing calico and paper	28	Leonard Beatty	Wilkesbarre, Luzerne co. Penn.

LETTER

FROM

THE SECRETARY OF STATE,

TRANSMITTING,

IN OBEDIENCE TO A RESOLUTION

OF THE

HOUSE OF REPRESENTATIVES OF THE THIRTEENTH INSTANT,

A LIST OF THE NAMES OF PERSONS

TO WHOM PATENTS HAVE BEEN ISSUED FOR ANY NEW

OR

USEFUL INVENTION,

FROM

THE TWENTY EIGHTH DECEMBER, 1810,

TO

THE FIRST JANUARY, 1812.

JANUARY 21st, 1812.

ORDERED TO LIE ON THE TABLE.

WASHINGTON CITY:

PRINTED BY ROGER CHEW WEIGHTMAN.

1812.

DEPARTMENT OF STATE,

JANUARY 20th, 1812.

SIR,

IN pursuance of the resolution of the House of Representatives of the United States, dated the 13th instant, I have the honor of transmitting a list of the names of persons who have invented any new or useful art, machine, manufacture or composition of matter, or any improvement thereon, and to whom patents have been issued for the same, from this office, from the 28th day of December, 1810, to the 1st day of January, 1812, with the dates and general objects of such patents; and also, the residence of the patentees, as far as they could be ascertained.

I have the honor to be, Sir,

With the greatest respect,

Your obedient servant, &c.

JAMES MONROE.

*To the Hon. The Speaker of the
House of Representatives of the U. States.*

No	INVENTIONS.	When issued.	NAMES OF PATENTEES.	RESIDENCE.
5	A perpetual steam still and water boiler,	1811.	Philo M. Hackley,	Herkimer county, New York.
	In drying fuel for glass furnaces,	Jan. 14	James Lee,	Philadelphia.
	Improved cocks or locks for the passage of fluids,	16	Joshua Witherle,	Boston.
	A steam pump,	16	Phares Bernard & Timothy Soper,	Whitestown, Oneida county, N. York.
	A water boiler and steam still,	16	Phares Bernard,	Do.
10	A chain float steam boat,	17	Michael Morrison,	Boston.
	Improvement in the sleigh,	19	Augustus Day,	Bordentown, New Jersey.
	A new power by means of combustion, or combustion and explosion,	19	Do.	Do.
	In co operating and frictionless cylinders,	24	John P. Sawin,	Roxbury, Norfolk, Massachusetts.
	An expanding and folding wheel,	24	Henry Steward,	Clark county, Indiana territory.
15	A vat for facilitating and cheapening the tanning of leather & coloring cloth,	24	Nathaniel Burley,	Strafford, New Hampshire.
	In the churn,	24	Joseph Beach,	Northfield, Hampshire county, Mass.
	In distilling essential oil and spirits,	24	David Jewett,	Pittsfield, Massachusetts.
	A cylindrical printing press,	28	John P. Sawin, & Thomas B. Wait,	Roxbury, Norfolk, Massachusetts.
	Improved printers' type mould,	29	Archibald Binny,	Philadelphia.
	In the water boiler and steam still,	Feb. 4	Borden Wilbor & Timothy Soper,	Washington county, New York.
	In making salts by evaporation,	4	Borden Wilbor,	Do.
	For smoothing or rubbing printers' types,	4	Archibald Binny,	Philadelphia.
	In making rims to ladies' and taylor's' thimbles, without soldering them,	4	Stephen Chandler,	New York.

No.	INVENTIONS.	When issued.	NAMES OF PATENTEES.	RESIDENCE.
20	In forming, heating, removing and using metal plates in pressing woollen cloths, In the cotton gin, - - - - - In the churn, - - - - - In making ardent spirits out of the juice of southern corn stalks, called the horse tooth or Virginia corn, - - - - - A machine for cutting nails or brads, For constructing boats or vessels which are to be navigated by the power of steam engines, - - - - - A threshing machine, - - - - - A steam still, - - - - - An elevator for the use of the sick, - - - - - A descending saw mill, - - - - - In the double forcing pump, - - - - - In propelling boats and vessels by horses, In the double forcing pump, - - - - - A mode of producing what he calls Columbian oil, - - - - - A mode of preserving and defending wood immersed in salt water, from the attacks or injuries of that species of worms which is generally found destructive at sea, &c. - - - - -	1811. Feb. 6 6 7 7 8 9 9 9 15 15 19 19 20 23	Volkert Vedder, Robert Hancock, sen. and Edward W. Carr, Lewis Cleveland, John Sanders, John P. Savin and Jacob Skinner, Robert Fulton, James W. Walker, Samuel Bacon, Jonathan Elliot, Stephen Bulknap and Samuel Merrill, William Beach, Salmon Fuller, Thomas Ferris, Thomas Paul,	Amsterdam, Montgomery county, N. Y. Philadelphia. Holliston, Middlesex county, Mass. Schenectady, New York. Roxbury, Norfolk county, Mass. New York. Wilmington, North Carolina. Lanesborough, Massachusetts. Newbury, Essex county, Massachusetts. Georgetown, Washington, D. Franklin, Delaware county, New York. Clark county, Indiana Territory. Duchess county, New York. Baltimore. Easton, Talbot county, Maryland.
25				
30				

35	In the steam engine called the vapourum machine,	February	25	James Stubbs & Nathaniel Parsons,	Chillicothe, Ross county, Ohio.
	In the saw mill,		26	Miles H. Abbot,	
	For cutting and gathering grain and grass,		26	John Comfort,	Bucks county, Pennsylvania.
	In andirons and fire places,		26	John Sweet,	Berkshire, Massachusetts.
	In making flour, starch an d'spirit, from wheat or other vegetable matter,		26	Elisha Perkins,	Shrewsbury, Monmouth county, N. J.
40	For shearing cloth,		28	Ezra Willmarth,	Rumney, Grafton, Massachusetts.
	In manufacturing straw wove platt,		28	William Pond,	Wrentham, Norfolk county, Mass.
	Machine for cutting fellos for wheels,		28	Joseph Goulding,	Leicester, Massachusetts.
	In the forge and trip hammer,	March	1	Ditto,	Ditto.
	In mills,		1	Ditto,	Ditto.
45	In training and breaking horses,		1	Townsend Coek,	New York.
	A machine for cutting wooden screws, &c.		1	Robert Hancock, sen. and Edward W. Carr,	Philadelphia.
	Revering wheels for various purposes,		1	Otis Paine,	Foxborough, Norfolk, Massachusetts.
	In the condensation of vapours in distillation,		2	Noel Blanche,	New York.
	A tide mill wheel,		2	Dexter Wheeler,	Bristol, Massachusetts.
50	In the stove,		2	William Watson,	Weymouth, Gloster county, N. J.
	A machine for rubbing out clover,		2	Nehemiah Price,	Frederick county, Maryland
	In chain paddles for propelling boats,		2	Azael Pierson,	Cumberland county, New Jersey.
	A machine for hulling rice,		2	Sherman Dewey,	Hartford, Vermont.
	For shearing cloth,		2	Benjamin Cummings,	Palmer, Hampshire county, Mass.
55	In the application of slate to various uses,		2	William Sheldon, jun.	Springfield, Massachusetts.
	In distilling,		2	Jacob Miller,	Lancaster county, Pennsylvania.
	In warming rooms,		4	Barzillai Russell,	Hartford, Connecticut.
	A machine for shearing cloth,		4	George C. Killogg,	New Hartford, Litchfield, Connecticut.
	A water loom,		4	Thomas Mussey,	Philadelphia.
60	A reverse impelling pump, being a double forcing pump,		7	Levi Gray,	Otsego county, New York.

No.	INVENTIONS.	When issued.	NAMES OF PATENTEES.	RESIDENCE.
65	In planing and felting hats,	1811. 7	Israel Swan,	Haverhill, New Hampshire.
	In the pump for raising water,	March 9	Pliny Upham,	Brookfield, Worcester, Massachusetts.
	The subignis air draught,	12	Samuel Randall,	Providence, Rhode Island.
	A machine for cutting sausage meat, &c.	19	George Neff,	Dauphin county, Pennsylvania.
	A fire cavern,	20	Abraham Quincy,	Boston.
	In fire places,	20	Peter Sternberg,	Montgomery county, New York.
70	A bark mill,	20	Luther Gale,	Berkshire county, Massachusetts.
	A horizontal bellows wind wheel, which by reversing the wheel may be applied to water,			
	In the condenser,	21	Daniel Van Voorhis,	Long Island, New York.
	A churn,	26	Lyman Cook,	Whitestown, Oneida county, N. York.
	A threshing machine,	28	Harry Mumford,	Ulster county, New York.
	In four wheel carriages to be moved by manual labor,	28	Rufel C. Van Houton,	New York.
75	For straining and grinding cards,	28	Lyman Cook,	Whitestown, Oneida county, N. York.
	A mode of casting large iron rollers for rolling iron, &c.	30	John Boynton,	Windham county, Connecticut.
	A nail machine for making wrought nails and spikes, or drawing small iron into any form,	30	Cyrus Alger,	Boston.
	A stove and shingle machine,			
	In the form of cossack boots, or rather in the mode of cutting leather for the formation of boots of every description,	8	Abiather Eastman,	Norway, Oxford county, Massachusetts.
	In tanning leather.	10	William Baley,	Nelson county, Kentucky.
		10	John Morgan,	Philadelphia.
		10	Joseph Barker,	Deerfield, Oneida county, New York.

80	In making gin, In the tea board,	April	10 10	Erastus V. Freeman, Jacobs Swain, H. Swain, and Josuhus Swain, Oliver Evans, Joseph Bernard, William Gamble,	Cape May courthouse, New Jersey. Philadelphia. Troy, New York. Washington City, Columbia District.
85	In saw mills, For vibrating nail plates while cutting, In distilleries and kitchen ranges, A lever purchase machine for propelling boats, working mills, &c. A floating machine for supplying ships with fresh water, In the kitchen stove, For cramping Suwarrow boot legs, The drum cooking stove, In the spiral water wheel by balance gates,		15 16 18 24 25 25 25 25 25	Shubael Kimball, John E. Randolph, Andrew Sherwood, Jeremiah Sibley, Andrew Sherwood, Benj. Schoolfield and Wm. Stanton,	Rhinebeck, Dutchess county, N. York. New York. Do. Do Do
90	For trimming and pressing straw plait, A flax and hemp break, For shearing cloth, A shearing machine, For rapping or sawing dye woods, A churn, In distilling, A mode of working a water wheel by rais- ing and lowering it in a current or tide,	May	26 26 30 2 3 3 3	Daniel Atherton, Edward Rumsey, Jesse Molleneux, Elezzer Hovey, Samuel Stone, Daniel Robinson, Andrew Dunlap,	Lynchburg, Campbell county, Va Providence, Rhode Island. Christian county, Kentucky. Hempstead, New York. Canaan, Columbia county, New York. Enosburg, Franklin county, Vermont. Franklin, Delaware county, New York. Boston.
95	In manufacturing bricks, Machine for cutting off the ends of bolts, &c. A vertical balance wheel nail cutting ma- chine, For weighing hay, live cattle, &c. In the bodies of carriages called the stand- ing roof landau,		4 7 8 8 10 10	Mark Andrews, James Gregg, John Rewey, Ebenezer Avery Lester, Thomas Armat, Edward Gibson,	Kennebec, Massachusetts. New Hampshire. Berkshire, Broome county, New York. Herkimer, New York. Philadelphia. New York.
100					

No.	INVENTIONS.	When issued.	NAMES OF PATENTEES.	RESIDENCE.
105	A writing instrument,	1811.	Ezra L. Miller,	Charleston, South Carolina.
	A perpetual steam still,	May	John James Jiraud,	Baltimore.
	In breaking hemp and flax,	15	John C. Johnston,	Fayette county, Kentucky.
	In fire arms,	16	Wm Thornton and John	Washington City.
	In constructing steam engines for propelling boats,	21	Hatkill,	New York.
	A spring for fastening window sashes,	21	John Stephens;	
110	A washing machine,	22	John Balthorpe,	Upperville, Loudon county, Virginia.
	In saw mills,	23	David Dungan,	Chenango, Broome county, N. York.
	A machine for dressing mill stones,	24	Marshall Lewis,	
		24	Charles Woolverton and	
			Benj. Ridgway, jun.	
	In suspenders, &c.	25	Henry Burke.	Morris Villa, Pennsylvania.
115	In the carding machine,	25	Heman Palmerler.	Bucks county, Pennsylvania.
	In cutting fur from peltry,	28	Joshua Witherle.	Shoreham, Addison county.
	A horizontal water wheel,	29	John Osborn, jun.	Boston.
	Being a double suspender spring,	29	Benajah Wolcott,	Litchfield, Connecticut.
	Machine for shaving shingles, &c.	30	Daniel Parker and John	Danbury, Huron county, Ohio.
			Sanford,	
120	In working certain ores,	30	Vincent King and Jeremi-	Sharon, Litchfield county, Connecticut.
			ah King,	
	A water blast,	June	Joseph Ruggles,	Bellair, Harford county, Maryland.
	In sawing and polishing marble,	7	Luther Bissel,	New Milford, Litchfield county, Conn.
	A machine for moving two water wheels at same time,	7	Luke C Hinman, Luther	Otsego county, New York.
			Bissel & Moses Barnes,	
	A composition for mending china, glass, &c.	10	Harvey Bascorn.	Do. Weston, Massachusetts.

125	In shears for shearing woollen cloth, -	June	11	William Stillman,	Westerly, Rhode Island.
	In the steam kitchen for baking, &c. &c.		11	Samuel Smith,	Herkimer county, New York.
	In chair bottoms, -		12	Abner Ellis,	Dedham, Norfolk county, Mass.
	In distilling, -		14	John James Giraud,	Baltimore.
	A distilling and refining apparatus, -		17	Jacob Sherer and Abraham Killian,	Lancaster, Pennsylvania.
	A fanning mill for cleaning grain, -		18	Thomas W. Jessup,	Fredericktown, Maryland.
	Machine for shaving, jointing and forming the staves and heads of barrels, &c.		20	Barnabus Langdon and William Mowry,	Washington county, New York.
130	A steam stove for roasting, boiling and baking, -		21	Josiah Noyes,	Herkimer county, New York.
	The family cotton spinning machine, -		22	John George Baxter,	Philadelphia.
	In preparing and packing quincitron or black oak bark, or other barks, for exportation, -	July	1	Joseph Lyon,	Ditto.
	A balance bridge, -		1	Jonathan Jessop,	York Town, Pennsylvania.
	For spinning and winding rope yarn, -		2	Christian Bergh and Peter Shermerhorn, junr.	New York.
135	In the forge bellows, -		8	Charles M. Murtry,	New Marlborough, Massachusetts.
	For breaking hemp and flax, -		13	Robert Miller,	Lexington, Kentucky.
	In medicine cases, -		16	Allen Harrington,	Osego county, New York.
	A pendulum steam engine, -		18	John Staples,	Richmond, Virginia.
	In kilndrying corn and malt, &c.		18	John Huglison,	Clinton county, New York.
140	A machine for chopping meat or any other substance fine, -		19	Haziel Smith,	Philadelphia.
	An improved accelerating wheel head, -		20	Archelaus Putnam,	Ditto.
	In horizontal wooden springs for carriages, -		22	Leonard Sommer,	Downington, Chester county, Penna.
	A flax and hemp break, -		23	Jacob A. Dana,	Casanovia, Madison county, N. Y.
145	A machine for making sack and sand shovels, -		23	Jonathan Righter,	Downington, Chester county, Penna.
	In the still and condenser, -		25	Richard Sealy,	Newark, New Jersey.

No.	INVENTIONS.	When issued.	NAMES OF PATENTEES.	RESIDENCE.
150	In tanning.	1811.	William Hollingsworth,	Elkton, Maryland.
	In boot and shoe making,	July 30	Samuel B Hitchcock and John Bement,	Homer, Cortland county, New York.
	A wear for catching fish,	August 14	Hawley Emerson,	Hancock
	In cutting and heading nails,	14	Jesse Reed,	Kington, Plymouth county, Mass.
	In mill stones,	15	William Miller,	Lampier, Lancaster county, Penna.
	For picking wool, &c. called the wool picker,	15	Michael Morrison,	Boston.
	A perpetual lime kiln,	17	William Gorsuch,	Baltimore.
	In the sea motion pump,	19	Bennet Lies,	New York.
	In varying the motion of a plough,	20	John Sanford,	Sharon, Litchfield county, Connecticut.
	In weaving,	20	Nathaniel Miller and Philip W Miller,	Franklin, Norfolk county, Mass.
160	A mode of propelling carriages by steam,	21	Charles Reynolds,	East Windsor, Connecticut.
	A mode of ripening and keeping malt liquor and cider,	22	Robert Hare,	Philadelphia.
	In the electrophorus,	23	David F. Launy,	Ditto.
	In the water wheel,	28	Abraham Landis,	Georgetown, Columbia District.
	A double spring angular truss,	30	Theodore Hart,	New York.
	In constructing and working pumps for the use of ships, &c.	30	Andrew Henshaw and Nathaniel Harlow, junr.	Banger, Hancock county, Mass.
	In stills and boilers,	Sept.	Jacob Dyker,	Green, Shenango county, N Y.
165	A drying house for drying fruit, &c.	2	Stephen Strong,	Wilks township, Gallia county, Ohio.
	In manufacturing ink stands of stone,	3	Abraham Howard Quincy,	Boston.
	A water wheel,	5	Joseph Atkinson,	Amhurst, Massachusetts
	In the common plough,	7	Nicholas Turbutt,	Fredericktown, Maryland.

No.	INVENTIONS.	When issued.	NAMES OF PATENTEES.	RESIDENCE.
	In screening and separating in <i>water</i> the corroded parts of lead from the uncorroded parts, in the process of making white lead,	1811. Nov. 1	Samuel Witherill, jun.	Philadelphia.
	A machine for separating the oxidated from the metallic lead, in the process of manufacturing red lead, and of the manner of using the machine,	1	Ditto,	Ditto.
	A water wheel,	2	Elisha Mack,	Sheffield, Mass.
	In casting metallic boxes or centres of shieves or trundles for pulleys,	4	Lebbeus Larrabee,	Nantucket, Mass.
105	A machine for basoning, hardening and steaming hats,	6	Jonathan Sizer,	New London, New London co. Conn.
	A machine for boring posts,	7	Anthony Butler,	Vermont.
	In the process of making sulphuric acid,	7	Benjamin Bell,	Boston.
	For cutting wheat and other small grain,	8	William Presley Claiborne,	King William co. Virginia.
	A balance water gate,	12	William Mahler,	Rome, Oneida co. N. Y.
	A mode of distilling ardent spirits by one operation,	13	Jonathan Shaw,	Palmer, Hampshire co. Mass.
200	A hot heading nail machine for cutting and heading nails,	14	Mark Reeve and Richard Reeve,	Philadelphia.
	A mode of welding or uniting scrap iron, or steel, preparatory to forming it into bars, &c. by the sledge hammer, and of effect-			

LETTER

FROM

THE SECRETARY OF STATE,

TRANSMITTING

A LIST OF THE NAMES OF PERSONS

TO WHOM

Patents have been Issued

FOR

ANY NEW OR USEFUL ART, MACHINE, MANUFACTURE

OR

COMPOSITION OF MATTER, OR ANY IMPROVEMENT THEREON,

FROM

JANUARY 1, 1812, TO JANUARY 1, 1813.

JANUARY 22, 1813.

Ordered to lie on the table.

WASHINGTON:

A. & C. WAY, PRINTERS.

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1813.

DEPARTMENT OF STATE,

January 13, 1813.

SIR,

IN pursuance of the resolution of the House of Representatives of the United States, dated the 13th of January, 1812, I have the honor of transmitting a list of the names of persons who have invented any new or useful art, machine, manufacture or composition of matter, or any improvement thereon, and to whom patents have been issued for the same, from this office, from the 1st day of January, 1812, to the 1st day of January, 1813, with the dates, and general objects of such patents: and also, the residence of the patentees, as far as they could be ascertained.

I have the honor to be,

Sir.

With the greatest respect,

Your obedient servant, &c.

JAMES MONROE.

*To the honorable the Speaker
of the House of Representatives
of the United States.*

No. of Patents.	INVENTIONS.	When issued.	NAMES OF PATENTEES.	RESIDENCE OF PATENTEES.
5	In the structure of bee-hives,	1812.	Timothy Stanly,	Farmington, Hartford county, Connecticut.
	In flyers for spinning cotton yarn,	Jan. 6	Azariah Walton,	Keene, Cheshire county, New Hampshire.
	A restorative elixir,	6	Hervey Frink,	Northampton, Hampshire county, Mass.
	In the loom,	6	Richard Crosbie,	Newark, New Jersey.
	A hydro pneumatic engine,	6	Ditto,	do.
10	In the pump,	6	Jonathan Evans,	Whites Town, Oneida co. New York.
	A steam drawer kitchen, or apparatus for cooking,	6	John Bouis,	Baltimore.
	In converting pig iron into steel,	6	Enoch Leonard,	Canton, Norfolk county, Massachusetts.
	"An improved easy draught bedstead,"	6	Peter Tilton Walcott,	Monmouth county, New Jersey.
	In the art of tanning,	10	Joseph Barker,	Deerfield, Oneida county, N. Y. state.
15	A febrifuge,	11	Asa Johnson,	Northumberland county, Penn.
	In the net or seine for taking shad or other fish,	11	Samuel May,	Columbia, Lancaster county, Penn.
	A cylindrical frame for roving and spinning flax or hemp,	11	William Giffen,	New York.
	A machine for rolling wire,	11	James Howell,	Philadelphia.
	A new species of plant applicable to many uses, particularly for the uses of flax and hemp, &c.	11	Charles Whitlow,	New York.
20	In cutting and heading nails,	11	Josiah White,	Philadelphia.
	A mode of teaching to write,	11	Samuel Randall,	Warren, Bristol county, Rhode Island.
	In the construction of the plough,	11	John Klay,	Frederick county, Maryland.
	In the plough,	11	Roswell Tousley,	Cayuga county, New York.
	In the fanning mill,	15	Thomas S Barnum,	Sharon, Litchfield county, Connecticut.
	A swinging keel,	15	Josiah Beale,	Alexandria.
	A machine for cutting files,	16	Morris Burke Belknap,	Brimfield, Hampshire county, Mas.
	A machine for spinning cotton, wool, flax and tow,	16	Gilbert Brewster, Guy Trumbull and James Mathes,	Barre, Orange county, Vermont.

No. of Patents.	INVENTIONS.	When issued.	NAMES OF PATENTEES.	RESIDENCE OF PATENTEES.
25	A save-all for saw mills,	1812.		
	A machine for cleansing & picking cotton wool,	Jan. 18	Josiah Hart & Lester Fling, . .	Cheshire, New Hampshire.
	In the construction of coaches and other carriages,	18	Ephraim Raymond,	Norton, Massachusetts.
	In the composition of materials for the manufacturing of hats,	21	Frederick Biemler,	New York.
	In the art of weaving,	23	Frederick Messer,	Guildhall, Essex county, Vermont.
30	In manufacturing flour,	23	Job Rood,	Canterbury, Windham county, Con.
	A metallic case or stove for kettles, boilers, stills, &c.	27	Joseph Rich,	Madison county, New York state.
	A regulated mill,	31	Charles Gaston,	Williamsport, Washington county, Penn.
	A machine for cutting and heading nails, and for making wrought nails,	Feb. 3	Joseph Quinby,	Wilmington, North Carolina.
	A machine for cramping boot legs,	3	Mark and Richard Reeve,	Burlington, New Jersey.
35	In musical types,	4	Nathaniel L. Moore,	Smithfield, Madison county, New York st. New-York.
	A ruling machine,	7	Uri K. Hill,	New-York.
	In steam engines,	7	Asa Spencer,	New London, New London county, Con.
		8	Junia Curtis and Royal Yeamans,	J. Curtis, Plymouth, Chenango county, N. York; Royal Yeamans, Westfield, Hampshire county, Massachusetts.
	In the whirl and regulator for spinning flax, hemp, tow, &c.			Woodbury, Connecticut.
40	An increasing press,	10	Chauncy Crafts,	Litchfield, Connecticut.
	In air backs for chimneys,	11	Abraham Norton,	Southington, Hartford county, Connecticut.
	A furnace for heating ovens,	13	Joel Root,	Boston.
	In granulating gun powder,	17	Abraham H. Quincy,	Newark, Essex county, New Jersey.
	A rolling draw bridge,	17	Richard Crosbie,	do.
45	A wind and water mill,	17	Ditto,	do.
	In rowing and propelling boats, &c.	18	Moses Pennock,	Kennets square, Chesnut county, Penn.
		19	William Shaw,	Osage county, New-York.
		21	Benjamin S. Hort,	George town, South Carolina.
	A threshing machine,			

50	An improved conveyor, elevator, and hopper boy,	33	Samuel Walgemore,
	In the pinions of clocks,	24	Ira Ives,
	In the cooking stove,	24	Jonathan Low,
	In the construction of carriages,	26	Daniel Neall,
	A machine for rubbing wheat and other grain, &c.	27	John D. Richards,
	In stoves,	29	Nichodemus Lloyd,
	A threshing machine,	March 2	William Richards,
	In extracting ichthyocalls or fish glues,	4	Daniel Waldron,
	In the mode of preparing flax, hemp, &c. to be spun on the same principles that cotton and wool is spun,	5	John Owings,
55	In cutting and heading nails originally invented by Jonathan Newell,	9	Nathaniel Chickering and Da- niel Chickering,
	A steam boat to be propelled by sculling.	11	Joseph Hunt,
	A machine for spinning, reeling, and spooling flax and hemp,	14	Noel Jones,
	A machine for making boots and shoes,	14	Elijah Thayer,
	A machine for dressing shingles,	16	John Heavis,
50	In spinning sheep's wool, being an improve- ment on the water frames used for spin- ning cotton,	16	Stephen Clements,
	In grates,	17	Charles Hunt,
	A threshing machine, &c.	19	Joseph Goulding,
	A machine for separating grain and seeds, by rubbing, &c.	19	George M ^r Adam Broun,
	A fire extinguisher and chimney regulator,	27	Daniel Shoemaker,
	A revolving steam engine for propelling boats by poles,	27	Millen Battle,
	A wooden still and condensing box,	27	Rufus W. Adams,
	In tanning,	28	Samuel Currie,

Washington county, Columbia District.	
Bristol, Harford county, Connecticut.	
Fitchburg, Worcester county, Mass.	
Milford, Kent county, Delaware.	
Middleburg, Virginia.	
Philadelphia.	
Culpepper county, Virginia.	
New York.	
Baltimore, Maryland.	
Dover, Norfolk county, Massachusetts.	
East Chester, New York st.	
Madison county, New-York state.	
Leicester, Worcester county, Mass.	
Montgomery county, Virginia.	
Harford, Windsor county, Vermont.	
New York.	
Bangor, Massachusetts.	
Northumberland county, Virginia.	
Philadelphia.	
Herkemer county, New York.	
Marlboro, Windham county, Vermont.	
Philadelphia.	

No. of Patents.	INVENTIONS.	When issued.	NAMES OF PATENTEES	RESIDENCE OF PATENTEES.
70	A hand and water loom,	1812.	John Thorp,	Providence, Rhode Island.
	In working saw, grist, and other mills,	March 28	John Devereux De Lacy,	New York.
	In looms,	28	Asa Campbell,	Kingston, Luzerne county, Pennsylvania.
	In manufacturing salt,	28	Ambrose Dudley,	King William county, Virginia.
	A brick machine,	31	James McDonald,	New York.
75	A suction pump and fire engine,	April 1	Isaiah Jennings,	Philadelphia.
	In preparing magnesia,	1	William Dunn,	Boston.
	In forking,	1	Edward Clark,	Philadelphia.
	In making candles with tallow and wax,	2	James Zwister,	Baltimore.
	A horizontal Churn,	2	John Davidson,	Cheshire, New Hampshire.
	A tobacco spinning and turning off wheel,	3	Jas. Vanderpool & John Eagles,	Newark, Essex county, New Jersey.
	A mode of obtaining power between the difference of a column of rarified and unrarified air,	8		
80	A boring machine,	8	Samuel Morey,	Philadelphia.
	A machine for cutting files,	8	Nath. Gillet and John Smith,	Casenovia, Madison county, New York.
	A machine for manufacturing files,	11	Chas. Hesser & Amos Paxson,	Philadelphia.
		20	Levi Anderson and David Anderson,	
85	A machine for cutting miters, &c.	22	Zaccheus Kelley,	Philadelphia.
	In the construction of bridges,	23	Benjamin Connor,	Easton, Maryland.
	In propelling boats by steam called the setting float steam boat,	23		Portsmouth, New Hampshire.
	A quilted cloathing for a copper still head,	25	John Evelett,	Boston.
	A wooden still head,	25	Charles Jenks,	East Windsor, Harford, Connecticut.
	In fire places for warming rooms by means of a cast iron fluted back,	25	ditto,	do.
	A shearing machine,	27	Eli Mix,	New Haven, Connecticut.
90	A water loom,	27	Stephen Treadwell,	Redding, Fairfield county, Connecticut.
		27	Silas Shepard,	Philadelphia.
	A machine for cutting scale board,	27	Jonathan Carrington,	Litchfield county, Connecticut.

In refining and making camphire,	April 27	Job Green,	Charlestown, Middlesex county, Mass.
A portable spinning machine,	27	Burgiss Allison,	Philadelphia.
In the spinning wheel,	27	James Shaw,	Herkemer county, New York.
For combining wool into blankets and other manufactures,	29	Elkanah Cobb,	George town.
A sawing machine,	May 1	Russel Canfield,	Philadelphia.
A traveling cross cut saw mill,	4	Samuel Kennedy Gore,	Bradford county, Pennsylvania.
In tanning,	5	Chris. Luther and James Smith, assigned to Daniel Renner,	Georgetown.
The linen spinner,	6	Sylvanus Baldwin and Eliza Town,	Vermont.
For pressing and rendering transparent horse hoofs and other corneous substances, for making combs, &c.	6	Edward Morris Canviss,	Southington, Harford county, Connecticut.
In breaking plaister of paris, &c.	12	Paul Geiger,	Robeson, Berks county, Pennsylvania.
In the steam engine,	12	Daniel Dod,	Elizabeth town, New Jersey.
In horse mills by using weights,	12	John Grannis,	Cheshire, New Haven, Connecticut.
A washing machine,	12	William Stanton,	Lynchburg, P. O. Campbell county, Vir.
A machine for boring hubbs and fellocks of wheels,	12	David Sperry,	Colchester, New London county, Con.
In warming rooms, &c. by rarified air applicable to ovens, hot or green houses, rooms, &c.	12	Daniel Pettibone,	Philadelphia.
A plugged faucet,	13	William Jones,	New York.
In moulds for casting metal buttons,	14	George W. Robinson,	New Haven, Connecticut.
A machine for cutting screws,	15	Etisha Hazard & Josiah White,	Philadelphia.
The fair dealer of the chartæ lusoriæ,	15	Robert Bailey,	Washington, Columbia District.
For grinding corn in the cobb, &c.	15	William Mayo,	Henrico, Virginia.
A rolling machine for reducing metal from bars and for making wire round or square,	15	Josiah White,	Philadelphia.
A machine for cutting fur from skins,	19	Ira Ives,	Bristol, Harford county, Connecticut.
A casting or smut machine,	20	Daniel Tomlinson,	Brookfield, Connecticut.
A fire proof stone stove,	21	Abraham H. Quincy,	Boston.

No. of Patents.	INVENTIONS	When issued.	NAMES OF PATENTEES.	RESIDENCE OF PATENTEES.
120	In making shoes and boots with wooden pegs, screws, notches or creases,	1812.	Robert U. Richards,	Norfolk, Litchfield county, Connecticut.
	A hydraulic machine for raising water,	May 23	William Shultz,	Philadelphia.
	In chair bottoms,	26	James Elliott, junior,	Philadelphia.
	In saw mills,	26	Webb Hart,	Cheshire, Connecticut.
	In the cure of consumptions and all other pulmonary complaints,	27	Charity Shaw Long,	Philadelphia.
	A hydraulic boat with the mode of propelling the same with or against the current or stream, &c.	28	William Shultz,	Ditto.
125	In propelling boats, working mills, &c.	June 5	William Shaw,	Oscego county, New York state.
	A mode of preparing vegetable acids,	5	Nath. S. Allison & Ben. Kugler,	Philadelphia.
	In grinding and packing bark for exportation,	6	Jos. Richardson and Benj. Stout,	Bucks county, Pennsylvania.
	A machine for bowing wool for hatters,	6	H. S. Holladay & E. G. Griffin,	Lyme, New London county, Connecticut.
	For shearing cloth,	12	Walter Kennedy,	Frankford, Franklin county, Kentucky.
	A stone boiler for refining sulphur and for chemical purposes,	13	Abraham H. Quincy,	Boston.
130	A foot stove with stone heaters,	13	Ditto,	Ditto.
	A machine for cutting files,	13	Morris Burk Belknap,	Worcester, Worcester county, Mass.
	A liquid heating machine,	13	Roswell Volentine,	Canaan, Columbia county, N. York st.
	In the cheese press,	13	William W. Townsend,	Addison county, Vermont.
	In chain wheels and paddles for boats,	13	Robert R. Livingston,	Clermont, New York state.
	A floating dry dock,	15	Samuel Rose,	New York.
135	A flax dressing machine,	19	John Haws,	Hudson, New York state.
	A washing and churning machine,	19	Zina Phinney,	Cairo, Green county, N. Y. state.
	Improvement on John Moffatt's machine for boiling salt water,	19	Do. do.	Do.
	In preventing the canker worm from destroying fruit trees,	19	Paul Adams,	Newbury, Essex county, Massachusetts.

140	A mode of shutting the water gate of a mill, In elevating grain, meal, flour or other pulverized substances, In pressing and straining oil and other fluids,	June 19	Amos Bolton,	Fauquier county, Virginia.
	In boots and shoes, called the elastic hair soles,	19	Jeremiah Baily,	Kennet Square, Chester county, Penn.
	A mode of purifying fish and other oils, . . .	22	John Cunningham and Samuel S. Edmonston,	New York.
	In his patented loom,	23	William Francis,	Boston.
	In manufacturing iron ore into paints,	23	Lewis Levesne,	New York.
	In manufacturing edge tools of steel prepared by a common rolling press,	23	Richard C. Rogers,	District of Maine, Massachusetts.
145	In plummets of lead to be used in teaching Writford's art of writing,	23	Robert Nicholson,	Bairdstown, Nelson county, Kentucky.
	A machine for making and forming all kind of cordage,	26	Elisha Gordon,	Philadelphia.
	A stove for heating water and to wash and boil clothes,	26	Thomas Weston,	Peacham, Caledonia county, Vermont.
	In maling and kiln drying,	30	Abel Hill,	Walpole, New Hampshire.
150	A machine for cutting files, rasps and sickles,	July 3.	Thomas Woolson,	Amherst, Hillsborough county, N. H.
	A machine for breaking, hairing and fleshing every species of hides,	9	Hezekiah Parsons,	Colbrook, C. county, N. Hampshire.
	In skinning and laying the knap of cloth, . .	11	Samuel Gilman White,	Haverhill, Essex county, Massachusetts.
	A horizontal steam engine for boats, &c. . . .	18	Nath. Kirk and Sam. C. Clark,	St. Clairsville, Belmont, Ohio.
	A mathematical boot,	18	Lemuel Dickerman,	Schaghticoke, Rensselaer county, N. Y. st.
	An economical candle holder,	18	Jacob W. Sexton,	Burlington, New Jersey.
155	A roping and spinning machine,	20	Win. G. Grease and J. Morgan,	Philadelphia.
	A machine for brushing and finishing cloth, .	20	Peter Ward and Burgis Alison,	Do.
	A plane for shaving leather,	22	Gideon Cornell,	Rensselaer county, New York.
	In bookbinding,	27	Seth Hart,	Hempstead, L. I. New York state.
	In purifying spirits,	27	Frederick Woodward,	N. Lisbon, Otsego county, N. Y. state.
	In constructing boats and vessels, &c. . . .	27	John T. Sullivan,	Philadelphia.
160	A cog and pendulum pump,	Aug. 3	Abiel Pease and Samuel Bestor,	Enfield, Hartford county, Connecticut.
	In the fire engine,	6	Francis Rotch,	Philadelphia.
		6	Bennet Lies,	New York.
			Isaac Hathaway,	Walton, Delaware county, N. York.

No. of Patents.	INVENTIONS.	When issued.	NAMES OF PATENTEES.	RESIDENCE OF PATENTEES.
165	In the fire engine, In roping and spinning cotton and wool, In the steam engine, In propelling boats or vessels, &c. A steam washer, A facilitating washing machine, An apparatus and the art of making oil of vitriol, A steam machine to be applied to keep a wheel in constant motion, In looms, In the bodies of carriages, In iron bound boots, bootees, &c. In looms, A circular interest table, In constructing of wharves, In funiductors, In bookbinding called the extra moveable case, In the trip hammer, In chain carts and rail ways for levelling hills &c. In the sifter for spinning cotton, A machine for shearing cloth, A saw mill, &c. to be worked by animal power, A cooking apparatus, A box boiler, A machine for drawing all kinds of wire, A wool carding machine, For shearing cloth,	1812. Aug. 6 8 21 21 21 21 21 21 21 25 27 27 28 28 8 9 10 14 28 28 28 28 1 3 3 6 13 13	Allen Pollock & Jacob Perkins, John Brown, Alexander Anderson. Ditto, James Truman, Joseph Palmer, Richard Maiben, Marcus B. Parmelee, John Phelps, Henry Dunlap, Ephraim Twombly, Chas. Cooper and Geo. Shaste, Joseph Jelliff, James Butler, William A. Baron, Robert De Silver, Stephen Morrill, John H. Morison, Marion Newton, Gersham Bostwick, Ethan Owen, John Morris, Do. do. William Wadsworth, George Booth, Do.	Boston. Providence, Rhode Island. Philadelphia. Do. Do. Brookfield, Madison county, N. York. New York. Newtown, Fairfield county, Connecticut. Manlius, Onondago county, N. Y. state. Georgetown, Columbia District. Norway, Oxford county, Massachusetts. Lebanon, Dauphin county, Pennsylvania. Butternuts, Otsego county, N. Y. state. Baltimore. New York. Philadelphia. Readfield, Kennebec county, Mas. Boscawen, Hillsborough, N. Hampshire. Fitchburg, Worcester county, Mas. Brookfield, Connecticut. Prince George county, Virginia. New Haven, Connecticut. Do. Hartford, Connecticut. Poughkeepsie, New York state. Ditto.
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195	A magnetic cylinder, In breaking, taking off the hair, fleshing and scraping hides and skins, In the loom, In bedsteads, In tanning, In compressing leather by a roller, A mode of obtaining extracts from barks, &c. In weaving leather cloth, A machine for drawing wire, An elliptical hinge, In cutting and heading nails, In saving of fuel, In converting cider into wine, In the mill wheel, In steam boats and engines, For setting saws, In the mode of subliming sulphur, A cylindrical hulling machine, A machine for cutting files, In the tier for spinning, In spinning cotton, In manufacturing of sugar candy ware, In lamps, An elevator for raising fluids or grain, In stills, In stoves called the parlour fire place, In open stoves, In water mills, A threshing machine, A snuff cutter or grater, A mowing machine, A threshing machine,	Oct. 13 15 16 16 19 19 20 21 31 31 31 31 31 31 Nov. 11 12 12 16 16 16 19 19 19 20 20 21 24 24 25 27 27 30 Dec. 4 5	Samuel Browning, T. E. Barker & S. S. Fordham, John Heavin, John Redman Coze, William Edwards, Do. William Greene Fessenden, Jonathan and Rozanna Sizer, Jacob T. and Thomas Walden, Mark and Richard Reeve, Do. Zina Phinny, Henry Seabolt, Rufus Lathrop, Daniel Large and Francis Grice, John Sommer, George Robertson, Sebastian Houpt, William T. James, Nehemia Giles, Do. Laurence Astolfi, James Mallory, Robert Christy, Hiram Whitcomb, William Lankester, Jos. Howe and Wm. Lankester, Samuel Brouwer, T. Judson and J. Hotchkiss, John B. Partrietu, Peter Gaillard, Samuel Skiff,	France, New Hampshire. Hudson, New York state. Montgomery county, Virginia. Philadelphia. Northampton, Hampshire county, Mas. Ditto. Walpole, New Hampshire. New London, Connecticut. New York. Burlington, New Jersey. Ditto. Cairo, Green county, New York state. Scipio, Cayuga county, N. Y. state. West Springfield, Hamden, Mass. Philadelphia. Franklin, Pennsylvania. Elizabeth Town, New Jersey. Philadelphia. Greenwich, Washington county, N. Y. Fitchburg, Worcester county, Mas. Ditto. Philadelphia. New York. Jefferson county, Virginia. Cornwall, Litchfield county, Connecticut. Boston. Boston. New York. Woodbury, Litchfield county, Con. New York. Lancaster, Pennsylvania. Sharon, Litchfield county, Connecticut.
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LETTER

FROM

THE SECRETARY OF STATE,

TRANSMITTING

A LIST OF THE NAMES OF PERSONS

TO

WHOM PATENTS HAVE BEEN ISSUED

FOR

ANY NEW OR USEFUL ART, MACHINE, MANUFACTURE,

OR

COMPOSITION OF MATTER, OR ANY IMPROVEMENT THEREON,

FROM

JANUARY 1st, 1813, TO JANUARY 1st, 1814.

JANUARY 31, 1814.

Ordered to lie on the table.

WASHINGTON:

A. & G. WAY, PRINTERS.

.....
1814.

DEPARTMENT OF STATE,

January 1st, 1814.

SIR,

IN pursuance of the resolution of the House of Representatives of the United States, dated the 13th of January, 1812, I have the honor of transmitting a list of the names of persons who have invented any new or useful art or machine, manufacture or composition of matter, or any improvement thereon, and to whom patents have been issued for the same, from this office, from the 31st day of December, 1812, to the 1st day of January, 1814, with the dates, and general objects of such patents: and also, the residence of the patentees, as far as they could be ascertained.

JAMES MONROE.

*The honorable the Speaker
of the House of Representatives
of the United States.*

LIST of the names of persons to whom patents have been issued for any new or useful art, &c.

INVENTIONS.	WHEN ISSUED.	NAMES OF PATENTEES.	RESIDENCE.
A nurse lamp,	1812. Dec. 31.	William Howe,	Boston.
A pendulum mill,	1813. Jan. 6.	William Grandin,	Hector, Seneca county, New York.
A machine for making ship and other bread,	8.	Jehosaphat Starr,	Middletown, Middlesex county, Conn.
In pitch forks,	12.	Jared Byington,	Hinesborough, Chittenden county, Verm't.
In preparing colours and paints from ores, &c.	14.	Henry Alexander,	Baltimore.
In the fire place and chimney for saving fuel,	18.	Samuel Morey,	Philadelphia.
In distilling,	18.	Omri Carrier,	Enfield, Connecticut.
Ditto,	26.	John Bates,	Hartford, Connecticut.
In making cloth and blankets from sheep's wool,	Feb. 3.	{ Allen Barnes, Samuel Gray and Jabez Clark,	Windham, Connecticut.
A machine for cutting fur from peltry,	4.	Ephraim Cutter,	Walpole, New Hampshire.
A machine for heading wood screws,	4.	Abel Stowell,	Worcester, Worcester county, Mass.
Manufacturing acetate of copper or vertligris,	4.	Stephen Dempsey,	New York.
In the stove and boiler,	6.	Gabriel N. Phillips,	Goshen, Orange county, New York.
In raising water from wells, &c.	6.	George Patterson,	Philadelphia.
A machine for carding cloth,	6.	John Jessup,	Orange county, New York.
In the kitchen stove,	8.	John Speucer,	Albany, New York.
Machine for making bread,	8.	George Richards,	Manlius, Onondaga county, New York.
In the plough,	8.	John Stotz,	Strasburg, Lancaster county, Penn.
Wheels of elastic oars for propelling boats, &c.	16.	Louis Mure Latour,	New York.
A printing press & mode of distributing ink on types,	17.	William Elliot,	Hartford, Connecticut.
In the printing press,	26.	Zachariah Mills,	Ditto.
In tassels and cords for boots,	1.	Alfred Janes,	

LIST, CONTINUED.

INVENTIONS.	WHEN ISSUED.	NAMES OF PATENTEES.	RESIDENCE.
In stoves,	1843.	Alfred Janes,	Hartford, Connecticut.
Machine for planing boards and plank, and shaving shingles,	March 1.		
An ice-breaking machine,	2.	William Badger,	Madison county, Mississippi territory.
In saw mills,	2.	John I. Williams,	Georgetown, district of Columbia.
A medicine made use of in fevers, &c.	2.	Hiram Whitcomb,	Cornwall, Litchfield county, Connecticut.
For boiling liquors and for distillation,	2.	Emanuel Thompson,	Surry, Cheshire county, N. Hampshire.
The perpetual wool spinner,	3.	John Morris,	New Haven, Connecticut.
For sifting meal,	3.	Burgiss Allison,	Burlington, New Jersey.
A Refrigerator,	8.	Daniel Homan,	Brookhaven, Suffolk county, New York.
In manufacturing brass, copper & composition nails,	16.	John W. Hronaugh & Jesse Talbot,	Georgetown, district of Columbia.
Mode of applying heat to machines for preparing wool for worsted,	17.	George Whitfield Robinson,	Attleborough, Bristol county, Mass.
In the wheel-head,	18.	Joseph Hamford,	Philadelphia.
In fire places,	18.	Eli Church,	Homer, Cortland county, New York.
In the gas-lamp,	18.	David F. Launy,	Philadelphia.
A domestic and factory loom,	18.	David Melville,	Newport, Rhode Island.
In repeating gunnery,	20.	Walter Janes,	Ashford, Windham county, Connecticut.
In pumps,	23.	Joseph C. Chambers,	West Middletown, Washington co'ty. Pa.
Machine for making screw shanks,	23.	Jacob Perkins,	Newburyport, Massachusetts.
In the fire-engine,	23.	Ditto,	Ditto.
A vault lock for banks,	23.	Ditto,	Ditto.
A portable or separating furnace for casting brass, or other metal,	23.	Ditto,	Ditto.
	30.	Joseph Share,	Baltimore.

LIST, CONTINUED.

INVENTIONS.	WHEN ISSUED.	NAMES OF PATENTEES.	RESIDENCE.
1818.			
In the steam-engine,	May 20.	Samuel Briggs and Andrew Steel,	Baton Rouge, Iberville county, Louisiana.
In the furnace and boilers for manufacturing salt,	29.	Samuel Anthony,	Lynchburg, Campbell county, Virginia.
In the plough,	June 2.	Mathew Patrick,	Scipio, Cayuga county, New York.
In heating water and tanning in cold weather, . .	2.	Caleb Atwater,	Genoa, do.
A cartouch box,	3.	Jonathan Mix,	New York.
In making shot and bullets, &c. by pressure, . .	4.	Thomas Bruff,	Washington city.
A washing machine,	10.	John F. Whipple,	Easton, Washington county, New York.
A composition for taking off the glaze from the face of mill-stones,	40.	John Noble,	Derby, New Haven county, Connecticut.
In the cradle,	45.	Samuel Pope,	Windsor, Hartford county, Connecticut.
Machine for making wheels,	45.	{ Melzor Hunt and Cotton White, }	Sunderland, Franklin county, Mass.
Machine for breaking flax and hemp,	30.	William Van Duzer,	Hartford, Hampshire county, Mass.
In the yarn beam for looms,	45.	Simeon Peltee,	Warwick, Orange county, New York.
In looms,	48.	Alfred Ware, junr.	Foxboro', Norfolk county, Massachusetts.
Machine for making shingles,	48.	Otis Paine,	Franklin, do.
A washing machine,	48.	Josiah Hutchkiss,	Foxboro', do.
Machine for spinning cotton,	49.	Luther Bissell, Justus Hinman, Luke C. Hinman and Benoni Gaius,	Woodbury, Litchfield county, Connecticut.
In Ferry boats,	25.	Thomas Cohoon,	Hartwick, Otsego county, New York.
Improvement of Jacob Perkins's method of impress- ing all kinds of die work on steel, copper, &c. } by circular dies, }	25.	{ Jacob Perkins, George Murray, }	Pittsfield, Massachusetts. Newburyport, Massachusetts. Philadelphia.

25.	A washing machine.	Silas Hitchcock,	Vernon, Oneida county, New York.
25.	In the press,	Ditto,	Ditto.
25.	A twisted screw gimblet,	Joseph Broad,	Salisbury, Litchfield county, Connecticut.
25.	In fire places and stoves,	Ezra Haskell,	New London, Connecticut.
26.	In the still,	John James Giraud,	Baltimore.
26.	In water mills,	Jacob Perkins,	Newburyport, Massachusetts.
29.	In making spindles,	Ditto,	Ditto.
29.	A copper and steel plate printing press,	Ditto,	Ditto.
3.	In saw mills,	Luther Bissell,	Hartwick, Otsego county, New York.
3.	In the loom,	Thomas Robinson Williams,	Newport, Rhode Island.
7.	In fire places and stoves,	Chauncey Guernsey,	Poultney, Rutland county, Vermont.
8.	Improved in his spinning machine, which was patented the 28th of June, 1809,	Nathaniel Foster,	Feming, Kentucky.
12.	In stills,	Charles F. Fisher,	York, Pennsylvania.
12.	A cylinder heater for heating wash water, &c. for distilling,	Charles Jenks and Abiel Pease,	East Windsor, Connecticut.
13.	A floating house or bathing machine,	Henry Cleveens,	New York.
14.	In bleaching cotton goods by steam,	Alex. Milne and Daniel S. Deane,	Clinton, Dutchess county, New York.
15.	Machine for finishing the heads of wood screws, or iron screws for wood work,	Abel Stowell,	Worcester, Massachusetts.
15.	In die work as a substitute for etching, &c.	Abel Brewster,	Frankfort, Philadelphia county, Penn.
16.	A bark mill,	Caleb Charchman & Geo. Martin, jr.	Upper Chichester, Delaware co. Penn.
16.	A printing press,	Daniel Pierson,	Newburyport, Massachusetts.
20.	In grist mills,	Abraham Sawyer,	Chester, Windham county, Vermont.
23.	In making cloth of hair,	William Shotwell & Arthur Kinder,	New York.
24.	In the loom,	Elihu Robinson,	Augusta, Kennebeck county, Mass.
24.	In the weavers' lathes,	John Drummond,	New York.
3.	A tubulated cylinder shot,	James M. Ludlum,	New York.
3.	Improvement in distilling, and of wooden still,	John Ja. Giraud,	Baltimore.
3.	A machine for making ropes and twine,	John Heaven,	Montgomery court house, Virginia.
4.	In spinning wheels,	Daniel Hurlbut,	Aurelius, Cayuga county, New York.
5.	In the construction of locks,	William Pie,	New York.
6.	In pumps,	Thomas Nicholson & Samuel Gunn,	Genoa, Cayuga county, New York.
7.	A mill for grinding and pounding, &c.	Alexander Duncan Moore,	New Haven county, North Carolina.

August

July

Vernon, Oneida county, New York.	Ditto.	Salisbury, Litchfield county, Connecticut.	New London, Connecticut.	Baltimore.	Newburyport, Massachusetts.	Ditto.	Ditto.	Hartwick, Otsego county, New York.	Newport, Rhode Island.	Poultney, Rutland county, Vermont.	Feming, Kentucky.	York, Pennsylvania.	East Windsor, Connecticut.	New York.	Clinton, Dutchess county, New York.	Worcester, Massachusetts.	Frankfort, Philadelphia county, Penn.	Upper Chichester, Delaware co. Penn.	Newburyport, Massachusetts.	Chester, Windham county, Vermont.	New York.	Augusta, Kennebeck county, Mass.	New York.	New York.	Baltimore.	Montgomery court house, Virginia.	Aurelius, Cayuga county, New York.	New York.	Genoa, Cayuga county, New York.	New Haven county, North Carolina.
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LIST, CONTINUED.

INVENTIONS.	WHEN ISSUED.	NAMES OF PATENTEES.	RESIDENCE.
<p>A pendulum churn, Improvement in the plough, In beating liquors, mash, &c. for distilling, In the preparation of flour of Mustard, In extracting hair from fur skins, In the machine called the cylindrick polisher, A twining comb machine, Improvement in the lamp, consisting of a double reflector to one blaze,</p>	<p>1813. August 7. 7. 18. 40. 49. 20. 20.</p>	<p>Silas Hitchcock, Mathew Murray, Thomas Belten, Samuel Hopkins, John Hollingshead & Daniel Baker, Ebenezer Stowell, Daniel Carrington and Ira Ives,</p>	<p>Vernon, Oneida county, New York. Middletown, Frederick county, Maryland. Hartford, Connecticut. Hshway, New Jersey. Trenton, New Jersey. Middletown, Addison county, Vermont. Litchfield, Connecticut.</p>
<p>In the weavers' beam, In the mill godgeon, In constructing and navigating ships, boats, &c. In the plough, A dothing, twisting and reeling machine, In setting stiffs, and in the furnace, Improvement in the press, patented by John Canningham and Samuel S. Edmonston,</p>	<p>20. 24. 24. 26. 28. 30. 31.</p>	<p>Wm. Foster, jr. & Leonard Foster, Goliath Williams, Michael Withers, Benjamin Connor, Horace Pease, Halsted E. Haight & John Haight, Abraham Gibbs,</p>	<p>Boston. North Providence, Rhode Island. Strasburg, Lancaster county, Penn. Portsmouth, New Hampshire. Enfield, Hartford county, Connecticut. New York. Lancaster, Pennsylvania.</p>
<p>Machine for sawing shingles called a shingle mill, An Hydrostatic engine and steam engine,</p>	<p>Septem. 1. 3. 3.</p>	<p>Samuel S. Edmonston, Willard Earl, Stephen H. Long and George F. A. Hauto,</p>	<p>New York. Hubbardston, Worcester county, Mass. Germanstown Pennsylvania.</p>
<p>In manufacturing paper bangings, with light coloured satin grounds, Machine for cutting nails, Machine for splitting skins,</p>	<p>8. 8. 9.</p>	<p>Hezekiah Steel, Henry Luigen, William Bent,</p>	<p>Hudson, New York. Marietta, Lancaster county, Penn. Boston.</p>

Improvement in the nail machines patented by them on the 3d of February, 1812, 31st October, 1812, and 15th of March, 1813, . . .
 A revolving weaving loom, . . .
 A pump for elevating meal, grain and other light substances, . . .
 A warm bathing vessel, . . .
 Machine for, & mode of preparing hemp and flax, &c. . .
 Manufacturing wine from cider, . . .
 Improvement in the flood gate, . . .
 A cylindrical boiler, . . .
 A spring bolt for holding up window sashes, . . .
 Mould for forming wool and rorams, &c. into batts for hats, . . .
 Machine for shearing cloth, . . .
 In the stocking loom, . . .
 Machine for planing card boards and scabbards, . . .
 Mode of propelling boats by levers and weights, . . .
 In grinding and reducing ores into powder and preparing them for various uses, . . .
 Improvement in his condensing tub for heating water for distillation, . . .
 Machine for sawing, polishing and moulding stone, . . .
 In spinning the hair of neat or black cattle, . . .
 In carding the hair of do. . . .
 In rendering leather impermeable to water, . . .
 In manufacturing white lead and flake white, . . .
 In wooden springs for carriages, . . .
 A spiral stove, . . .
 In the art and process of making and using elastic steel card teeth, and converting iron fish hooks, &c. into steel when formed of iron, . . .
 In the still and condensing tub, . . .
 In water boilers and steam stills, . . .

October

Novem.

Decem.

28. Mark Reeve & Richard Reeve,
 2. John Hess, . . .
 2. John Ewing & David Dickey,
 4. Daniel Harrington, . . .
 7. Francis Hall, . . .
 8. Ezra B. Corkings, . . .
 9. Benjamin S. Hurt, . . .
 9. Philo M. Hackley, . . .
 13. Nathaniel Briggs, . . .
 14. John Warey, . . .
 22. Silas Hilla, . . .
 23. Ebenezer Herrick, . . .
 23. Wm. Kimball & Sam. Willard, jr.
 27. John T. Schenck, . . .
 27. Henry Alexander, . . .
 27. Alexander Anderson, . . .
 3. Simeon B. Willard, . . .
 4. Wm. Shutwell & Arthur Kinder,
 4. Ditto, . . .
 4. Joseph Board, . . .
 8. Alexander Jas. Hamilton, . . .
 10. Luke H. Thrall, . . .
 13. Robert Roy, . . .
 13. Ebenezer Jenks, . . .
 13. James Wheatley,
 2. Tim. Soper, jr. & Charles Reynolds,

Philadelphia.
 Hempfield, Lancaster county, Penn.
 Oxford, Chester county, Pennsylvania.
 Centerville, Fairfax county, Virginia.
 Tennessee.
 Bristol, Ontario county, New York.
 George Town, South Carolina.
 Hudson, New York.
 New York.
 Albany, New York.
 Hudson, do.
 Stockbridge, Berkshire county, Mass.
 Mount Vernon, Hillsborough cot'y, N. H.
 New York.
 Baltimore.
 Philadelphia.
 Bloomfield, Ontario county, New York.
 New York.
 Ditto.
 Ditto.
 Ditto.
 Troy, New York.
 Warwick, Orange county, New York.
 Colebrook, Litchfield county, Connecticut.
 Fauquier county, Virginia.
 Hartford, Connecticut.

LIST, CONTINUED.

INVENTIONS.	WHEN ISSUED.	NAMES OF PATENTEES.	RESIDENCE.
In the loom, A multiplying reeling hollow cylinder, In manufacturing gun powder, A mode of giving power and motion to machinery by weights,	1813. Decem. 2. 8. 7.	Robert Sugden, Thomas Powell, Thomas Ewell,	Boston. New York. George Town, Columbia district.
A machine for cutting screws, In making steel plated sleigh shoes, A machine for making screws, A mode of weaving millinet, muslin, lace, &c. In the wheel-head.	18. 30. 30. 31. 31.	Peter Oberl, John Humes, Salmon Hunt, Abner Burnham & Tho. S. Barnum, Stephen Steward,	New York. Richmond, Virginia. Canaan, Litchfield county, Connecticut. Sharan, Litchfield county, Connecticut. Cheshire, Walpole county, N. Hampshire.
In steam engines and in applying steam, A machine for polishing and framing cyphering slates, In the distilling apparatus,	31. 31.	David Loring, Francis B. Ogden, John Coleman, Isaac Hoffman.	Canandaigua, New York. Essex county, New Jersey. Baltimore. Shawangunk, Ulster county, New York.

LETTER

FROM

THE SECRETARY OF STATE,

TRANSMITTING

A List of Persons

WHO

HAVE MADE ANY NEW AND USEFUL INVENTION,

AND FOR WHICH

PATENTS HAVE BEEN OBTAINED,

FROM

THIRTY-FIRST DECEMBER, 1813, TO THE FIRST JANUARY, 1815.

JANUARY 30, 1815.

READ AND ORDERED TO LIE ON THE TABLE.

WASHINGTON CITY:

PRINTED BY ROGER CHEW WEIGHTMAN.

1815.

DEPARTMENT OF STATE,

JANUARY 1st, 1815.

SIR,

In pursuance of the resolution of the house of representatives of the United States, dated the 13th of January, 1812, I have the honor of transmitting a list of persons who have invented any new or useful art or machine, manufacture, or composition of matter, or any improvement thereon, and to whom patents have been issued for the same, from this office, from the 31st day of December, 1813, to the 1st day of January, 1815, with the dates, and general objects of such patents; and also, the residence of the patentees, as far as they could be ascertained.

JAMES MONROE.

To the Hon. the Speaker of the House of Representatives.

List of the names of persons to whom patents have been issued for new and useful arts, &c.

No.	Inventions.	When issued.	Names of patentees.	Residence.
	In the churn	1814.	William Humphrey	Ohio.
	In steelyards and scales	Jan. 5	Zena Phinney	Green county, N. Y.
	In the loom	6	John M. Morel Guiramon	Baltimore.
	Rheumatic pills	7	Ezra Deane	Biddeford, Suffolk county, Ms.
	A machine for cutting nails	13	Richard Moore	Lycoming county, Penn.
5	The rapid boat	13	Frederick Wm. Geissenhainer	New York.
	A hopper filler for bolting flour, &c.	14	Abraham Hershe	Lancaster, Lancaster county, Penn.
	A throstle for spinning wool, cotton, flax, and hemp	15	Stephen Shallcross	New York.
	A zigzag shearing machine	21	Edmund Durrin	Wethersfield, Windsor county, Vt.
10	A portable warm and hot bath	21	Samuel K. Jennings	Lynchburg, Vir.
	A mode of manufacturing felt hats from a mixture of clothier's flocks with sheep's wool	21	Jedediah Carleton	Salem, Rockingham county, N. H.
	In water mills	25	John Owings	Baltimore.
	An impressed roller for making knives, spoons, &c.	25	Ditto	Ditto.
	A machine for heading nails	26	Samuel Rogers	Bridgewater, Plymouth county, Ms.
15	In chimney fire places, air-flues, and ventilators, on the principle of dense air seeking, like water, its level	28	John C. Brush	Washington city.
	A loom for warping, or mounting the warp on the yarn beam	Feb. 1	Calvin Whitney	Dedham, Norfolk county, Ma.
	In manufacturing salt	1	William J. Lewis	New York.
	A bathing machine	1	William Merritt	New York.

List of the names of persons to whom patents have been issued for new and useful arts, &c.

No.	Inventions.	When issued.	Names of patentees.	Residence.
20	In steam boats	1814.	Daniel Dod	Mendham, N. J.
	A washing machine	Feb. 2	John Gray	Eaton, Madison county, N. Y.
	Lee's New London bilious pills	4	Samuel H. P. Lee	New London, Con.
	In mills	8	Ebenezer Bryant	New London, Con.
	In propelling boats by animal power	8	Moses Rogers	New York.
25	In manufacturing iron ore into paint	9	Borden Wilbor	Whitestown, Oneida county, N. Y.
	In boring guns, pistols, &c. by an augur, call- ed a pistol groove or twisted screw augur	10		
	In looms	12	Daniel Pettibone	Philadelphia.
	Machine for mowing grass, &c.	18	John Heaven	Montgomery county, Vir.
	In looms	19	Peter Baker	Long Island, N. Y.
30	A cylindrical braid, spring and nail machine	19	Daniel Briggs	Canaan, Litchfield, Con.
	An ardent spirit proof	21	Robert Turner	Boston.
		21	Benjamin Miller	North Salem, Westchester coun- ty, N. Y.
	In rasping and grinding dyc woods, &c.	Mar. 1	Joseph Broad	Springfield, Ma.
	A machine for grinding potatoes	1	Jesse King	Florida, Berkshire county, N. Y.
35	In the bar-share plough	1	John Butler and Joshua Butler	John Butler, Brandywine, and Jo- shua Butler, Chester county, Pa.
	In making bad butter good, and making fami- ly butter with land	4	Zena Phinney	Green county, N. Y.
	An eleven plate stove for boiling, baking, and warming rooms	7	Charles Postley	New York city.
	In using peltis for manufacturing paper	7	John M. Thorndike	
	For cutting files	7	Charles Platt and Daniel Platt	Sharon, Litchfield county, Con.

40	For cutting, newing, minding, turning, sawing the head, and cutting the thread of screws	Mar. 7	James Gleason	Philadelphia.
	For smoothing card boards	10	Daniel Stearns	Brattleborough, Windham cty. Vt.
	An air furnace for melting oars, refining and heating iron with stone coal	16	Thomas Gregg	Connell's Ville, Fayette county, Pen.
	The expeditious sawyer	18	John H. Morison	Boscawen, Hillsborough cty. N. H.
	A ball proof vessel, to be propelled by steam applied under water	19	Thomas Gregg	Connell's Ville, Fayette county, Pen.
	A water loom	21	Brightberry Brown	Albermarle, Vir.
	A family billy and jenny for spinning, &c.	23	Ebenezer Smith	Paris, Oneida county, N. Y.
45	A perpetual steam still	24	John James Giraud	Baltimore.
	In match lights and boxes	26	Rd. Allison and Nl. Stout Allison	Burlington, N. J.
	A spinning wheel	26	Harvey Wright & Orlestus Roberts	Bristol, Harford county, Con.
	A composition for making black lead pencils	26	Christopher Osgood	Salem, Essex county, Ms.
	A machine for shearing cloths	26	Isaac Sanford	Providence, R. I.
50	A substitute for teasels and cards for raising the nap of cloths	26	Ditto	Ditto.
	For cutting combs at a single operation	26	Joseph Heartwell Derby	Leominster.
	A medicine called canker drops	28	David Holbrook	Onondaga county, N. Y.
	A machine for raising water	31	Jacob Hartman	Lampeter, Lancaster county, Pen.
	A machine for hulling cotton seed	31	John Lineback	Salem, Stoke county, N. C.
55	A mode of putting leather together by wooden or metal pegs	April 2	Sidney B Browne	Westchester county, N. Y.
	In augurs	2	Martin Howe	New York.
	A vibrating nail cutting machine	2	Ebenezer Avery Lester	Herkimer, N. Y.
	A steam tow-boat and warping windlass	2	John L. Sullivan	Boston.
60	For heading cut nails	7	Jacob Davey	Fair Haven, Rutland county, Vt.
	For cutting brands, nails, and spikes, of all sizes	8	Stephen Belknap	Washington city.
	For manufacturing salt	8	Thomas Hord	Caroline county, Vir.
	In stills	9	Ezra Talmage	Richmond, Vir.
	A machine for planting corn	12	John Blocher	Lancaster, Pen.
	A water engine	13	Joel M. Dupuy	Woodford, Ken.
65	In the torpedo	14	Ebenezer Ford	Baltimore

List of the names of persons to whom patents have been issued for new and useful arts, &c.

No.	Inventions.	When issued.	Names of patentees.	Residence.
70	In making lead pipes for conveying water .	1814.	Alpheus Todd	Oxford, Grafton county, N. H. Green county, N. Y.
	For grinding paints .	April 18	Peter Breasted	
	In wheels for spinning with heads, to be used for spinning and quilling .	18	Emery Russell	Long Meadow, Hamden cty. Ms. Berkley county, Vir. Meriden, New Haven county. Long Meadow, Hamden cty. Ms. Pensborough, Lycoming cty. Pen.
	In looms .	18	John Coulter and Stephen Gano	
	In bark mills .	18	Jared Olds	
	In wheel heads .	18	Emery Russell	
	In distillation .	19	John W. Alder	
	In carriage springs .	22	Richard Humphries and Israel C Humphries	
	A salt water evaporator .	23	William M. Hawkins	Cantwell's bridge, New Castle, Del. King and Queen county, Vir. Philadelphia.
	In steam engines and steam boats .	23	John Dowers, jun.	
	The atmospheric house warmer and smoke driver .	27	Robert Annesly	Philadelphia.
75	In the loom .	27	Jacob Spinkle	Wythe court house, Wythe cty. Vir. Philadelphia.
	In lamps .	27	Edward Clark	
	A furnace for melting and refining of me tals .	May 4	Thomas Barnhurst, Joseph Barn hurst, and William Walker	Ditto.
	In making white lead .	5	Elisha De Butts	Baltimore.
	In distilling .	6	William M. B. Wollins, and Hiram P. Barlow	Oneida county, N Y Philadelphia. Ditto.
	In making tin plates .	9	David Noble	
	A machine for cutting shoes, &c.	9	Benjamin Miller	
80				

85	For cutting files Improvement on Farnham's horizontal water wheel In the still and condenser In the baking, boiling, and steaming stove In inkstands A family stove In andirons In moulds for casting printing types A fire-proof ceiling A guage to be attached to the anvil of a trip hammer for plating out scythes For pressing brick and tiles For carding wool In casting iron hinges For splitting, and shearing horn for lantern-lights, combs, &c. A washing machine An apparatus for making salt	May 11 13 13 13 13 17 17 17 17 17 17 18 18 18 24 24 26	Silas Hawes David Cooper Benjamin Hall Eliphalet B. Coleman Oliver Barber Joseph Tuley Willaby Dexter Archibald Binny Benjamin James Harris Benjamin Richardson Benjamin Porter Lewis French Cyrus Alger John Pulsifer Eliphalet Jaques Wm. Hawkins and John D. Hawkins Daniel Walworth Joseph Goulding John Andrews Luther Dudley Richard Deering Thomas K. Beale William Schaffer Aaron Broad Ditto Ditto John I. Cabell Andrew Willson	Bennington, Bennington city, Vt. Jerico, Chenango county, N. Y. New Haven, Con. Ditto. Hartford, Con. Frederick county, Vir. Winchester, Litchfield county, Con. Philadelphia. Richmond, Vir. Western, Worcester county, Mass. Salem, Mass. New Haven, Con. Boston. Newbury, Essex county, Mass. Newburyport, Mass. Raleigh, N. C. Middletown, Middlesex city, Con. Worcester, Worcester county, Ma. Litchfield, Herkimer county, N. Y. Sutton, Worcester county, Ma. Alexandria, Columbia. New York. Litchfield, Con. Ditto. Litchfield, Con. Lynchburg, Campbell county, Vir. New York.
90	For melting all kinds of ores and metals A cheese press A mode of balancing wheels In manufacturing scythes An apparatus for manufacturing salt, boring wells, and pumping water In making cornices of brick for buildings In the German flute A bull, or polishing wheel In manufacturing screws, ramrods, knives, and forks, &c. For cutting dye stuffs, barks, &c. In manufacturing salt In the bayonet socket	June 6 6 9 10 11	Ditto Ditto John I. Cabell Andrew Willson	
95				
100				
105				
110				

List of the names of persons to whom patents have been issued for new and useful arts, &c.

Nos	Inventions.	When issued.	Names of patentees.	Residence.
		1814.		
115	The metallic Columbian cup and saucer	June 14	John Love	Baltimore.
	For shaving woods for various purposes	14	Benjamin Hoadley	Waterbury, Con.
	A holdfast for buttons while polishing	18	Ira Ives	New Haven, Con.
	In machinery for horse boats	28	David Dunham	New York.
	A bridge and ferry stairs	28	Ditto	Ditto.
120	In saddle trees	28	Chauncey Siles, jun.	Philadelphia.
	In boilers	28	Gabriel N. Philips	Goshen, N. Y.
	A portable spinning machine	28	Burgis Allison	Burlington, N. J.
	A moveable kitchen	July 1	George Youle	New York.
	In mould and dipped candles	1	James Zwissler	Ditto.
125	A machine for shearing cloths	1	Beriah Swift	Washington, Dutchess cty. N. Y.
	In stove chimneys	1	Charles Varle	Fredericktown, Md.
	In ploughs	1	Jeihro Wood	Scipio, Cayuga county, N. Y.
	In imitating brandy of domestic materials	2	Henry Moore	Aurora, N. Y.
	In dies of metals	2	Benjamin Mead and Giles Richards	Boston, Ms.
180	In distilling from grain, &c.	5	Simeon Shurtliff	Oneida county, N. Y.
	In ploughs,	5	Jonathan Swan	Scipio, Cayuga county, N. Y.
	For pounding rice and other substances	5	Asa Nourse	St. Lukes, Beaufort district, S. C.
	In distilling by steam	5	David Dewey	Sullivan, Madison county, N. Y.
	In carriages	5	Benjamin Peck	Philadelphia.
	In the stop cock	5	Daniel Sharman	Warren, Herkimer county, N. Y.
	A machine for weeding corn and other crops in which the hand hoe is generally used	7	Charles Hill	Essex county, Vir.
	In looms	9	Thomas Siddall	Bristol township, Philadelphia county, Pen.

135	In the head block of the carriage of the saw mill	9	Joseph Briggs	Schoharie, N. Y.
	A machine for breaking and dressing flax, hemp, &c.	12	G. H. Rickets and John Kinney, jr.	Mount Pleasant, Morris cty. N. J.
	In steam engines	23	Charles Reynolds	East Windsor, Hartford, Con.
	An application of various cements for the walls, ceilings, and floors of houses; for the manufacture of sulphuric acid	Aug. 15	Andrew Scott	Newbern, N. C.
	In manufacturing white lead	15	James Welsh and Thos. Evens	Philadelphia.
140	A machine for cleaning clover seed	16	Henry Spickard	Faincastle, Botetourt county, Vir.
	For turning and slitting pinions for wooden clocks	22	Harris Bronson and Joel Curtis	H. B Waterbury, Con. Joel Curtis, of Cairo, Green county, N. Y.
	In the time part of the common wooden clock	22	James Harrison	Boston.
	A machine for pointing wire for clocks and other purposes	22	Anson Sperry	Waterbury, Con.
145	A mode of boring clock plates	22	Joel Curtis	Cairo, Green county, N. Y.
	An engine for cutting and pointing the teeth of wheels and pinions for clocks	22	Joel Curtis and Dimon Bradley	Jo. Curtis, ditto, D. Bradley, Con.
	A machine, or engine, for cutting wheels for wooden clocks, and other purposes	22	Ass Hopkins	Litchfield, Con.
	A machine for making pins used in clothes from the wire at one operation	22	Moses L. Morse	Boston.
	In chimneys and fire places	Sept 22	Adam Spohn	Comrio, Berks county, Pen.
	In making spoons	22	James Ridgway	Groton, Middlesex county, Ms.
150	In manufacturing salt	27	Peter Sarchet, sen.	Cincinnati, Ohio.
	An improvement in Alkana Cob's machine for making blankets, &c.	30	Jacob Getzendannar	Frederick county, Md.
	A wheel mill for grinding tanner's bark	30	David Pelton	Lyme, Grafton county, N. H.
	In the plough	Oct. 11	Jedediah Morgan & Jno. B. Harris	Scipio, Cayuga county, N. Y.
	A family loom	11	Charles Hathaway	Walton, Delaware county, N. Y.
	A machine for shearing cloth	11	C. Henry Orth and Fred. Strohn	Steubenville, Jefferson county, Ohio.
155	For cutting and finishing harness buckles	12	James Carman	Hudson, N. Y.
	A composition to be used instead of jostick	12	Fred. Eckstein & Jas. McIlhenney	Philadelphia.

List of the names of persons to whom patents have been issued for new and useful arts, &c.

No.	Inventions.	When issued.	Names of patentees.	Residence.
160	In the loom	1814.	William Wright	Brookline, N. H.
	A machine for making pins and needles	Oct. 12	William E. Hill	New York.
	A machine for shaving tanner's bark	15 16	William Goodwin and Jonathan Goodwin, jun.	W. Goodwin, of Lebanon, & Jona. Goodwin, jun. Mansfield, Con. Philadelphia.
165	In suspenders	17	Martin Nelson	New York
	In dyeing silks	18	Thos. Harrison & Robt. Pierpoint	Philadelphia.
	For winding spools and bobbins	18	Augustus C. Sherwood	New York
	In looms	18	Seth Craige	Philadelphia.
	In cutting and heading nails	21	Samuel Rogers	Bridgewater, Plymouth county, Ms.
170	In mockasins and socks, called the Tusearora socks	21	William Bolton	Northampton, Ms.
	A horn splitting and comb stamp twining machine	21	Saml Hills and Moses Emery, jun.	Newburyport, Ms.
	In cutting, gripping, and heading nails	22	Jessc Reed	Hanover, Plymouth county, Ms.
	In preserving animal and vegetable substances	24	David Cooley	New York.
	A machine for dressing hemp and flax	24	G. H Ricketts & John Kinney, jr.	Morristown, N. J.
	In the stocking loom	28	John Bazier, jun.	Canton, Norfolk county, Ms.
	For knapping cloth	28	Daniel Merwin, jun. and Horace Killogg	
	In fanning mills	20	Samuel Fitch	Hudson, N. Y.
175	In distilling	29	Naphtali Hart	Homer, Cortland county, N. Y.
	In boilers for and in making salt	Nov 5	Isaac W. Averill	Easton, Northampton county, Pen.
	In spinning hemp and flax	8	John Francis Chappins	Salino, Onondago county, N. Y.
	A composition for softening cast or crude iron	8	Abell Scott, jr and Alonzo Selden	New York.
	A crane, screw, and belt, for raising mill stones	8	Thomas Reynolds	Winchester, Cheshire county, N.H. Westfallowfield, Chester cty. Pen.

180	In the table for the use of ships In the bull plough A machine for sawing shingles A heater and condenser for manufacturing spirituous liquors In cultivating and improving the earth, and raising the largest crops with the greatest facility and celerity In temples for looms In preparing flax and hemp to be spun into thread In wheel carriages In looms A magnetic cylinder, called the magnetic separating machine A pivot gun carriage In propelling boats, &c. by steam The farmer's carriage scythe In manufacturing cotton wadding A fanning mill A circular scythe A vibrating shearing machine A steam or stove still In the linen wheel head A horizontal water wheel for mills In the wheel lathe A machine for cleaning chimneys In cutting and heading nails In a fishing vessel and nets In the plough An alarm bell, to be fixed to a clock or watch wheels on the sides of a boat or vessel, as a propelling power In making permanent colors for calicoes In wooden springs for carriages	Nov. 8 9 14 18 19 24 25 25 25 25 29 Dec. 1 2 3 3 6 7 8 8 15 16 16 16 17 17 22 23 24 30	George Patrick Rosewell Tousley and Jona. Swan Salmon Fuller Thomas Shurley James Hall Benjamin Rogers Pinder Antrim Horatio Gates Spafford Salmon Bronson Samuel Browning Luke M. Loughton Nicholas I. Roosevelt Theophilus Eaton James Beaumont Joel Soper John Rhodes and Adam Rhodes David Dewey John Stone, jun. Brown Smith and Chas. Stewart William Cornwell Benjamin Hoadley John Bruff Jesse Reed James Wills, jun. Henry Shultz Benjamin E. Freymuth William Thornton Augustus Boutin Levin Birkhead	Wilkesbarre, Luzerne county, Pen. Indiana territory. Near Madison court house, Madison county, Vir. Beaver Creek, Green county, Ohio. Philadelphia. Albany, N. Y. Kent, Litchfield county, Con. Franconia, Grafton county, N. H. Portsmouth, Rockingham city, N. H. New Jersey. Albany, N. Y. Canton, Ms. Windsor, Hartford county, Con. Union township, N. Y. Poultney, Rutland county, Vt. Worthington, Ms. Truxton, Clinton county, N. Y. Onancock, Accomack county, Vir. New Haven, Con. Baltimore. Hanover, Plymouth county, Ms. Galloway, Gloucester county, N. J. Lancaster, Pen. Philadelphia Washington city, D. C. Philadelphia. Ditto.
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LETTER

FROM THE

SECRETARY OF STATE,

TRANSMITTING

A LIST OF THE NAMES

OF

PERSONS TO WHOM PATENTS HAVE BEEN GRANTED,

FOR THE

INVENTION OF ANY NEW OR USEFUL ART, OR MACHINE, MANUFACTURE, OR
COMPOSITION OF MATTER, OR IMPROVEMENT THEREON,

FROM THE

1st of January, 1815, to the 1st of January, 1816.

February 3d, 1816.

Read, and ordered to lie upon the table.

WASHINGTON:

PRINTED BY WILLIAM A. DAVIS.

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1816.

DEPARTMENT OF STATE,

February 1st, 1816.

SIR,

In pursuance of the resolution of the house of representatives of the United States, dated the 13th of January, 1812, I have the honour of transmitting a list of the names of persons who have invented any new or useful art or machine, manufacture, or composition of matter, or any improvement thereon, and to whom patents have been issued for the same, from this office, from the 1st day of January, 1815, to the 1st day of January, 1816, with the dates and general objects of such patents; and also the residence of the patentees, as far as they could be ascertained.

I have the honour to be, with great consideration, your very obedient servant,

JAS. MONROE.

*The honourable the Speaker of the
House of Representatives of the United States.*

LIST of Names of persons to whom patents have been issued for new and useful arts, &c.

Nos.	Inventions.	When issued.	Names of patentees.	Residence.
		1815.		
	In the lathe for turning and polishing soft metal and composition buttons.	January 4.	Lauren Meriam.	New-Haven, Connecticut.
	An apparatus for, and mode of, packing ground bark and other articles.	5.	Joseph Lyon.	Philadelphia.
	In the boiler for generating steam.	9.	Royal Yeamans.	Baltimore.
	A warp suspender loom.	17.	William Squire.	New-York.
	In generating steam for distilling.	23.	Enos Brown.	Oneida County, New-York.
	A boiler and furnace united.	23.	Philo M. Hackley.	Herkimer, New-York.
	In hanging carriages, and also in placing steps by the sides.	24.	John I. Wells.	Hartford, Connecticut.
	A machine for cleaning wheat and other grain and seeds.	24.	William Davis.	Fairfield, Connecticut.
	In saw mills.	24.	Elisha Morgan.	Clinton County, New-York.
	A machine for cleaning clover seed. &c.	25.	Samuel Arnold.	Bottetort, Virginia.
	Mode of making brown paint.	25.	Thomas Miller, jun.	Madison County, New-York.
	In the tide mill.	28.	Francis Rittal.	Lincoln, Massachusetts.
	In stills.	31.	Robert Gillespie.	Seneca, New-York.
	A machine for cutting fur from peltry.	February 2.	William Jackson.	Burlington, New-Jersey.
	for pulling fur from peltry.	2.	do.	do.
	Cast iron sleigh shoes on wrought iron rods or tongues.	7.	Sylvanus Tousley.	Manlius, Onondaga County, New-York.
	In making and cutting the screw or thread of wood screws and other screws by means of circular cutters.	9.	Joshua Witherle.	Boston.

LIST, &c.....continued.

Inventions.	When issued.	Names of patentees.	Residence.
<p>1815.</p> <p>February</p> <p>11. In manufacturing tin plates.</p> <p>13. In the still boiler and worm.</p> <p>16. A machine for shelling corn, threshing wheat, &c</p> <p>20. A loom for weaving by water, steam, or other power.</p> <p>21. In saw mills.</p> <p>24. For granulating gunpowder.</p> <p>In looms.</p> <p>The family spinner.</p> <p>In guns and rifles.</p> <p>In weaving, spooling, and winding.</p> <p>In the stop cock.</p> <p>In the cider mill and press.</p> <p>In tables.</p> <p>In furnaces and fire-places for heating, boiling, and evaporating water and other liquids.</p> <p>A perspective protractor.</p> <p>A double air and water pump.</p> <p>In the cradle.</p> <p>A warping machine.</p> <p>In the boiler, or steam generator.</p> <p>A machine for cutting and heading all kinds of metal screws.</p>	<p>11. February</p> <p>13.</p> <p>16.</p> <p>20.</p> <p>21.</p> <p>24.</p> <p>25.</p> <p>28.</p> <p>1. March</p> <p>1.</p> <p>2.</p> <p>7.</p> <p>14.</p> <p>27.</p> <p>27.</p> <p>27.</p> <p>30.</p> <p>30.</p>	<p>Aaron Burk.</p> <p>Thomas Weston.</p> <p>Zina Phinney.</p> <p>Samuel Blydenburgh and Hezekiah Healy.</p> <p>Henry Quin.</p> <p>Joseph Worsley.</p> <p>F. C. Lovell and P. T. Jackson.</p> <p>John Brown.</p> <p>Frederick Oswan.</p> <p>Ebenezer Stowell.</p> <p>John Morris.</p> <p>Ozias Pettibone.</p> <p>Sullivan Snow.</p> <p>Peter Tomlinson.</p> <p>Bass Otis.</p> <p>James Smallman.</p> <p>Peter Cooper.</p> <p>Thomas Siddall.</p> <p>Lemuel M. Richards.</p> <p>John Mason.</p>	<p>New-York.</p> <p>Peacham, Vermont.</p> <p>Cairo, Greene county, New-York.</p> <p>Worcester, Massachusetts.</p> <p>Huntington, New-Jersey.</p> <p>Be ne, Albany county, New-York.</p> <p>Boston.</p> <p>Providence, Rhode-Island.</p> <p>Harper's Ferry, Virginia.</p> <p>Middlebury, Addison county, Ver.</p> <p>New-Haven, Connecticut.</p> <p>Hartford, Connecticut.</p> <p>Saco, District of Maine.</p> <p>Derby, New-Haven, Connecticut.</p> <p>Philadelphia.</p> <p>do.</p> <p>Hempstead, Queen county, N. Y.</p> <p>Germanstown. Pennsylvania.</p> <p>Cazenova, Madison county, N. Y.</p>

No.	Inventions.	When issued.	Names of patentees.	Residence.
	The application of hat trimmings in making mockasons.	1815.		
	For cutting horn or tortoise shell for combs.	April 1.	James Jackson.	Burlington, New-Jersey.
	Machinery by which constant, uniform, and steady motion is produced from the application of varying and irregular power.	1.	Simeon Allen.	
	A mode of preserving timber from being injured by worms under water.	1.	Joseph Kello.	New-York.
	A floating battery, or steam ship.	1.	George Lovett.	do.
	A machine for knapping cloth.	4.	George Siles.	Baltimore.
	In the old pin lathe, for turning wire-eyed buttons	4.	T. B. Barnum and E. Smith.	Litchfield, Connecticut.
	Improvement in the old single-jointed pewter button mould, for casting wire-eyed buttons.	12.	William Lawrence.	Moriden, New-Haven, Connecticut.
	In preparing colours with lime.	12.	John B. Collins.	do.
	In stoves.	12.	Jonathan Nichols, jun.	Broadbain, Montgomery, N. Y.
	In water wheels.	26.	William T. James.	Union Village, Washington, do.
	Metallic heddles or harnesses for weaving.	26.	George Pack.	White's Town, Oneida, do.
	In stoves.	26.	Walter James and David Bolles.	Ashford, Windham, Connecticut.
	In the steam engine.	26.	Charles Postley.	New-York.
	In manufacturing button moulds of wood.	26.	Borden Wilbor.	White's Town, Oneida, New-York.
	For gathering clover seed.	26.	Anson Mathews.	Southington, Hartford, Connecticut.
	In printing on the back or reverse face of bank notes to prevent counterfeit.	28.	John Smith.	Fredericksburgh, Virginia.
		28.	John Knass.	

LIST, &c....continued.

Inventions.	When issued.	Names of patentees.	Residence.
Shears for shearing cloth.	1815.	William Stillman,	Westerly, Rhode-Island.
In the body of stages and other carriages.	April 28.	Joseph Smith,	Lancaster, Pennsylvania.
In machinery for cutting files.	29.	John Hatch,	Dedham, Norfolk, Massachusetts.
A threshing machine.	1.	Thomas Warner,	Genesee, New-York,
In stoves.	11.	Aaron Lane.	
An iron back log for warming rooms.	11.	Charles Harris,	Boston.
Washing machine.	15.	Joshua Lane,	Homer, Courtland, N. Y.
In churns.	15.	do.	do.
A bark mill.	16.	Luther Gale,	Lenox, Berkshire, Massachusetts.
A fulling mill.	16.	Asa Danielson,	Otsego, N. Y.
In using water on wheels successively.	16.	do.	do.
In the augur.	16.	Joseph Brownell,	do.
In mechanics, being the application of the hydrostatic paradox to move machinery.	19.	Cadwallader D. Colden,	New-York.
An open backed spring box boot.	23.	William Atchison,	do.
A pressing machine.	23.	Timothy Puffer,	Paris, Oneida, N. Y.
In making whiskey.	23.	Silas Smith,	Genesee, N. Y.
In looms.	24.	Joseph Jelleffs,	Butternuts, Otsego, N. Y.
In the spindle for spinning, &c.	27.	Asa Jillson,	Dorchester, Norfolk, Massachusetts.
For raising the knap on cloth.	29.	Wm. Duncan and John Davidson,	Acworth, Chester, New-Hampshire.
In the loom.	31.	Charles Cooper and Geo. Shalk,	Lebanon, Pennsylvania.
Means of applying the principles of the hydrostatic paradox to the principles which govern the pressure of fluids, &c.	June 2.	Cadwallader D. Colden,	New-York.

LIST, &c.....continued.

Inventions.	When issued.	Names of patentees.	Residence.
Improvement in propelling boats.	1815	<p>Gabriel Manny, William Bezeau, James Wood, Nathan Elgar, Bennet Laes, do. do. John Elgar, Thos. M. Pomroy & Lemuel Hedge. Jonathan Reynolds, do. Seth Boyden, jun. Benjamin Mesteyer, Josiah W. Newberry, Henry S. Tanner, John Meere, Samuel Morey, Asa Jilison, Ephraim Tisdall, Wm. Tiffany and Phineas Allen, Luther Bissel, Luke C. Hinman, and Spebren Willson,</p>	Montgomery, Amsterdam, N.
In brewing spruce beer.			Philadelphia.
A horizontal water wheel.			Mountpleasant, Westchester,
A nail machine.			York, Pennsylvania.
A sea pedrometer.			New-York.
A rocking or lever boat.			do.
A conflagration ladder.			do.
A nail machine.			do.
A spring pen ruler.			York, Pennsylvania.
A machine for cutting tenons in carriage wheels.			Windsor, county of Windsor,
A wind and water wheel.			Dutchess, N. Y.
A machine for cutting brads.			do.
In staining and printing paper, cloth, &c.			Boston.
In the application of water power for working mills, &c.			New-York.
In etching the end pieces of bank notes,			Luzerne, Pennsylvania.
In graphic plates for bank notes.			Philadelphia.
A steam engine.	July	<p>do. Boston.</p>	do.
In applying the water to water wheels.			Roxbury, near Boston, Mass.
A bushing screen for cleaning grain.			Windham, Connecticut.
Carding, drawing, and roping cotton.			Otsego, N. Y.
For spinning cotton.			do.

LIST, &c.....continued.

Nos.	Inventions.	Where issued.	Names of patentees.	Residence.
	In corsets.	1815.		New-York.
	A vertical horse wheel.	July	Mary Brush,	Baltimore.
	In making charcoal for manufacturing gunpowder.	21.	John A. Morton,	Prince George's, Maryland.
	For cutting and heading nails.	25.	Fielding Parker,	York-Town, Pennsylvania.
	For removing cataract by tubes and canular points.	25.	Nathan Elgar,	Philadelphia.
	For threshing & a cleaning grain.	27.	Francis B. Shaw,	Leroy, Genessee, New-York.
	A toothed roller for loosing the earth preparatory to planting or sowing.	29.	Abel Densmore,	
	A trip hammer.	29.	do.	do.
	In scale beams and balances.	31.	Urban Palmer,	Spencer, Tioga, N. Y.
	A machine for knitting stocking and stocking-nette.	31.	Allen Pollock,	Boston.
	In making mould candles.		Aaron Porter, James Mead, and James Stedwell,	Queensbury, Warren, N. Y.
	In ship building.	August	David M. Randolph,	Richmond, Virginia.
	A doffer cylinder and machine for roping and spinning wool.	1.	do.	do.
	For smoothing and rounding the edges of metal buttons.	2.		
	In the construction of an eye for metal buttons cast in moulds.	3.	Samuel Learned,	Watertown, Middlesex, Mass.
	In setting the eyes of metal buttons in the mould.	7.	Ira Ives,	Bristol, Connecticut,
	In steam engines.	7.	do.	do.
		7.	do.	do.
		8.	Junia Curtis,	Baltimore.

LIST, &c....continued.

Nos.	Inventions.	When issued.	Names of patentees.	Residence.
	A machine for bowing wool or fur for battens. Improvement on Joseph Jelleff's circular or revolving interest table.	1815. August 10.	Edward C. Griffing,	Lyme, New-London, Connecticut.
	In the mode of making machine and hand cards for cotton.	12.	Gilbert D. Lowe,	Hampfield, Lancaster, Penn.
	A mechanical shoemaker's bench.	12.	William Barker,	Smithfield, Rhode-Island.
	An improvement in furnaces for making glass.	12.	Joel Soper,	Windsor, Hartford, Connecticut.
	A nail machine.	16.	Jacob Slinger and Daniel H. Miller,	Philadelphia.
		18.	Erastus Bartholomew & William Church,	Boston.
	In the construction of fire places called the defiance.	18.	do.	do.
	A spinning machine called the linum spinner.	18.	Sylvanus Baldwin,	Philadelphia.
	In family mineral fountains.	18.	Garrett Ellicott Pendergast,	Saratoga, New-York.
	In manufacturing hats.	26.	Jehiel Bryan and John Bryan,	Philadelphia.
	A double air pump for steam engines.	29.	James Smallman,	Norfolk, Virginia.
	In steam engines.	1.	Mathew Cluiff,	Scotland Neck, Halifax, N. C.
	An apparatus for cooling mash for distillation.	2.	Thomas Whittemell,	Troy, Rensselaer, N. Y.
	A machine for heading nails.	6.	Henry Sedam,	Philadelphia.
	In fall tops of gigs, phaetons, or other carriages.	8.	John Eberts,	Southington, Hartford, Connecticut.
	A machine for making wire-necked metal buttons.	12.	Heman Mathews,	do.
	In finishing wired neck metal buttons.	12.	do.	Lebanon, Grafton, New-Hampshire.
	For facilitating the making of carriage wheels.	12.	Bracket L. Greenough,	
	A boiling and steam stove.	12.	Erastus Warner.	

Nos.	Inventions.	When issued.	Names of patentees.	Residence.
	<p>A composition for preparing cotton and wool machine cards.</p> <p>In carding machines by gleaning savers.</p> <p>A method of drawing and curing canners.</p> <p>A loxdromick pulley, or measuring power, to ascertain a ship's way, and for other purposes.</p> <p>A biscuit making machine.</p> <p>A horizontal water wheel.</p>	<p>1815.</p> <p>Sept.</p> <p>14.</p> <p>15.</p> <p>20.</p> <p>21.</p> <p>21.</p> <p>25.</p>	<p>John M. Gates.</p> <p>James Hugus.</p> <p>Jacob Ware.</p> <p>John S. Donlery.</p> <p>William Liddle.</p> <p>Richard A. Donaldson & Joseph L. Wheeler.</p>	<p>Warren, Lincoln, Massachusetts.</p> <p>Greenbush, Westmoreland, Penn Philadelphia.</p> <p>New-York.</p> <p>New-Orleans.</p> <p>Newark, N. J.</p>
	<p>For giving light by a flame produced from the vapour on gas of stone coal.</p> <p>Spinning wool, called the family spinner.</p> <p>A screw wheel for propelling boats.</p> <p>A pendulum machine for mechanical operations.</p> <p>A mould for making stone posts for fences.</p> <p>In setting and using the teeth of saws.</p> <p>A beef cutter.</p> <p>In kilns for manufacturing earthen ware.</p> <p>A nail machine.</p> <p>A nail machine.</p> <p>In Saddles.</p> <p>A machine for knapping, teasing, shearing, or busbing cloth.</p>	<p>1815.</p> <p>October</p> <p>28.</p> <p>6.</p> <p>11.</p> <p>13.</p> <p>14.</p> <p>14.</p> <p>21.</p> <p>21.</p> <p>21.</p> <p>21.</p> <p>24.</p> <p>28.</p>	<p>Lewis Enters & William Zigler.</p> <p>William Ayres & James Cochran.</p> <p>James Widdifield.</p> <p>Charles Louis Allen.</p> <p>Edward Boston.</p> <p>John Russell.</p> <p>Benjamin Meeker.</p> <p>James Hassell.</p> <p>Charles Philips, jun.</p> <p>Wm. Waring & Charles Philips, jun.</p> <p>John Bryan.</p> <p>John Taylor.</p>	<p>George Town.</p> <p>Durnham, Windsor, Vermont.</p> <p>Philadelphia.</p> <p>Newark, N. J.</p> <p>Gibcester, N. J.</p> <p>Brooke, Virginia.</p> <p>Brooklyn, N. Y.</p> <p>Elizabeth Town, N. J.</p> <p>Sackett's Harbour, N. Y.</p> <p>Jefferson, N. Y.</p> <p>Lexington, Kentucky.</p> <p>Waltham, Middlesex, Mass:</p>

LIST, &c.....continued.

Nos.	Inventions.	When issued.	Names of patentees.	Residence.
	An elevating saw mill. In his cylindrical nail cutter, patented the 16th of January, 1815. Cast iron weights, called adjustable weights. An economical stove. A family cooking machine. A mode of obtaining ardent spirits from lime. In lotteries. In distilling turpentine, tar, &c. In manufacturing mineral waters. In cutting and forming boots and shoes. In the foot stove. A cylindrical vibrating nail brad cutting machine. A machine for ginning cotton. A machine for relieving the toothache by steam. In steel yards. A wind saw mill. In the stove.	1815. October 30. November 1. 6. 9. 14. 22. December 4. 4. 5. 15. 23. 27. 27. 27. 27. 27. 27.	Samuel Brewster. Jacob Perkins. Alven Babcock. John Graham. John Seger. James Hall. Joseph Vaunini. William Adam Rapp. Benjamin Marshall. Joshua Hall. Allen Greely. Ebenezer Avery Lester. Isaiah Jennings. Lemuel Merritt & Samuel C. Rogers Samuel Hills. Jesse Springer. Comfort Barney.	Middlesex, N. J. Newburyport, Mass. Boston. New-York. do. Washington City, C. D. New-York. Albany, N. Y. Frederick Town, Md. Oxford, Mass. Baltimore. New-York. do. Lincoln, Mass. Cape May, N. J. Warren, Bristol, R. I.

LETTER

FROM THE

SECRETARY OF STATE,

TRANSMITTING

A LIST OF THE NAMES

OF

PERSONS TO WHOM PATENTS HAVE BEEN ISSUED,

FOR

THE INVENTION OF ANY NEW OR USEFUL ART, OR MACHINE, MANUFACTURE, OR
COMPOSITION OF MATTER, OR ANY IMPROVEMENT THEREON,

FROM

January 1st, 1816, to January 1st, 1817.

January 6, 1817.

Read, and ordered to lie upon the Table.

WASHINGTON:

PRINTED BY WILLIAM A. DAVIS.

.....
1817.

DEPARTMENT OF STATE,

January 1, 1817.

SIR,

In pursuance of the resolution of the House of Representatives of the United States, dated the 13th of January, 1812, I have the honour of transmitting a list of the names of persons who have invented any new or useful art or machine, manufacture, or composition of matter, or any improvement thereon, and to whom patents have been issued for the same, from this office, from the 31st day of December, 1815, to the 1st day of January, 1817, with the dates, and general objects of such patents: and also the residence of the patentees, as far as they could be ascertained.

JAS. MONROE.

*To the honourable the Speaker of the
House of Representatives of the United States.*

List of the Names of Persons to whom Patents have been issued during the year 1816.

Inventions.	When issued.	Names of Patentees.	Residence.
Improvement in the mill for grinding, For preventing the canker worm in trees, In printing books, In saw mills, Pneumatic machine, In stills, In the churn, Making spirits from corn and corn-cobs, For carding and raising a nap on woollen cloths, Maintaining power, applied on board ship, &c. Improvement on Townsend's cheese press, In the boiler of steam engines, &c. In the cure of syphilis, Mode of applying spare heat of a blast furnace to steam engines, &c. Washing machine, Manufacturing salt, Columbian sock, In boats to be worked, power of quadrupeds, An apparatus and process for filtering water, The application of steam in distillation, &c.	January 4, 1816, 4, 4, 5, 7, 15, 15, 17, 24, 24, 25, 26, 26, 31, February 1, 1, 8, 8, 10, 16,	John Ormsby and Thomas Colboon, Jonas Kendall, Samuel Randall, Thomas Colboon, David Lloyd, Joseph White, Alvan Cornell and Hiram K. Cornell, Joseph Demund and Stinson Demund. Joseph A. Christie, David Pearson, Joseph Biglow, William Schultz, Joseph Moser, Edward Burrall, Christopher Seebold, William J. Lewis, Joseph Mason, David Porter, Joseph du Commun, Hezekiah Kelly,	Washington City. Leominster, Mass. Warren, R. I. Washington City. Cambria county, Penn. Baltimore. Canbridge, N. Y. New-Jersey. Elizabethtown, N. J. Newbury, Mass. Mountpelier, Vermont. New-York. Philadelphia. Canaan, Conn. New-Berlin, Penn. Cunnington, Mass. Washington. New-York. Brooklyn, N. Y.

Inventions.	When issued.	Names of Patentees.	Residence.
Saw mill for die-wood,	February 16, 1816	John Elder,	Hampilton, Mass.
Mill for hulling, grinding, sifting grain, &c.	17,	Thomas Ellicot,	Pennsylvania.
Perpetual weavers tenters or temples,	23,	Daniel A. Smith,	Townsend, Mass.
Frame bridges,	23,	George Tabb,	Martinsburg, Vir.
In making turred boots and shoes, &c.	24,	Samuel Eells,	Connecticut.
Machine for cutting and heading nails,	24,	Henry Hayes,	Philadelphia.
Slaving veneers of mahogany,	28,	Silvanus Bonnel,	New-Jersey.
Casting moveable types,	28,	George Webster,	New-York.
Fan for cleansing wheat,	March 1,	William Adams,	Virginia.
Composition for making wire-eyed buttons,	1,	Samuel H. Woodruff and Anson Matthews,	Connecticut.
Corn dressing plough,	4,	Elisha Bean,	Massachusetts.
Making glass,	4,	William Price,	Pennsylvania.
Overshot water-wheel,	5,	John Green, sen.	Virginia.
Block tin stop cock,	7,	John Morris,	New-Haven, Conn.
Spool frame,	6,	Elihu Robinson,	Augusta, Mass.
Franklin stove,	9,	James Willson,	Poughkeepsie, N. Y.
Winding yarn from bobbins or spools,	9,	Paul Moody,	Boston.
Wheat fan,	11,	Samuel Weaver,	Frederick county, Md.
The shoemaker,	14,	Gideon Drake,	Windoor, Conn.
Improvement in the steam engine,	14,	John Stevens,	Hoboken, N. J.
Cutting and heading nails,	14,	Frederick A. Russel,	Georgetown, D. C.
Improvement in mills,	15,	Samuel Brewster,	Middlesex, N. J.
In using sliders instead of valves in working steam engines,	16,	John Stevens,	Hoboken, N. J.
Reclining valetudinary cot. chair, &c.	18,	John Mead,	Albany, N. Y.
Machine for shelling Indian corn,	19,	Jacob Fuller,	Rockland, Vir.

Carpenter's sliding dovetail joint,	26,	George B. Raymond.	Hudson, N. Y.
In the construction of chimneys, fire-places, &c.	27,	Ebenezer Rand,	New-Haven, Conn.
In manufacturing combs,	28,	Ely Sperry,	.
Swinging false keel,	April 2,	Philander Hall,	.
In tanning,	3,	William Edwards,	.
Apparatus for boiling and making salt,	4,	Alexander Black,	.
Threshing and fanning machine,	8,	Elihu Hotchkiss,	.
Saw mill for die-woods,	11,	John Elder,	.
Spinning-wheel,	11,	Elias B. Sandford,	Newtown, Conn.
In propelling boats, &c. by steam,	18,	William Tatham,	Washington City.
Distilling and rectifying, &c.	22,	John Whips,	Jefferson county, Ken.
Turning buttons,	23,	Daniel French,	Bridgeport, Penn.
Making carburated hydrogen gas,	23,	Benjamin Kugler,	Philadelphia.
The reconductor,	23,	John Sargeant,	Vernon, N. Y.
Spring bolt for windows, doors, &c.	23,	Shadrach Trumball,	Suffield, Conn.
Shearing cloth,	25,	Horace Osborn and William L. Fraser.	Washington City.
Purifying and refining sugar,	26,	Bernard Edme Verjon,	Wilmington, Del.
Granulating gunpowder,	26,	Charles Dalmas,	New-York.
Manufacturing pot and pearl ash,	26,	Jacob Latting,	Hillsdale, N. Y.
Cleansing grain, &c.	27,	Israel Honeywell,	Davidson county, Tenn.
Roving machine for cotton,	29,	William Bryant,	Boston.
Improvement in the churn,	30,	John Erving,	Guildford, N. C.
Improvement on Cutter's fur-cutting machine,	30,	David Beard,	Worcester, Mass.
Stamping engravings on horn and turtle shell,	30,	Joseph H. Derby,	Pittsburgh, Penn.
Composition of glass,	30,	William Price,	New-York.
Boxes and axeltrees for carts, wagons, &c.	May 2,	William Batchelor,	Hudson, N. Y.
Cooking and other stoves,	3,	Christopher Hoxie,	Greenaborough, Md.
Danger's scrape, to disengage horses from carriages.	3,	William Start,	Dedham, Norfolk,
Plating Ruffles,	4,	Sylvester W. Talbot,	Guildford, Conn.
Wheel head,	6,	David Lee,	.

Inventions.	When issued.	Names of Patentees.	Residence.
Mark of opacity in paper,	May 11,	John Reich and Edward Star,	Philadelphia.
Steam engine,	12,	Enoch Burt,	Elizabethtown, N. J.
For extracting spirits of turpentine, &c. by steam.	17,	Hezekiah Kelly,	Brooklyn, N. Y.
Machine for washing in breweries, &c.	17,	Leonard Beatty,	Lyman N. H.
Spinning wool and cotton,	18,	Peter Padelford,	Concord, N. H.
Tub-winnowing mill,	18,	Moses Elliot,	Montgomery, Penn.
Heating pulp in vats for paper,	22,	Joseph Robeson,	Berkhemsted, Conn.
Sawing shingles,	22,	Oliver Merritt,	Baltimore.
Spring saddle,	22,	Charles Klasson,	Amenia, N. Y.
Wheel for dressing flax or hemp,	22,	Caleb Benton and William A. Benton,	Fredericktown, Md.
Shearing cloth,	24,	John D. Smith	Reading, Mass.
Manufacturing cemented hats,	24,	Nathan Weston,	Philadelphia.
Cutting comb-teeth,	28,	Maulby John Littleboy,	Paris, N. Y.
Water loom,	28,	Philo Clinton Curtis,	Cumberland, Mass.
Horizontal water-wheel.	28,	Silas Dalie,	Guildford, N. C.
Blocking hats,	28,	David Beard,	New-Haven, Conn.
Fanning mill for cleaning wheat, &c.	30,	Benjamin D. Beecher,	Milton, N. Y.
Stove,	30,	Eliakim Cory,	Weston, Mass.
Improvement in weaving,	June 7,	Ira Draper,	New-York.
Moulding and casting the sheaves of pulley blocks,	12,	Henry Worrall,	Litchfield county, Conn.
Thirty hour brass and wooden clocks,	12,	Eli Terry,	Paris, Oneida county, N. Y.
Distilling apparatus,	13,	Naman Goodsell,	Southington, Conn.
Manufacturing and polishing wooden button moulds,	13,	John Norton,	New-York.
Propelling vessels in a calm,	14,	Stephen Rudd,	New-York
Eagle chair,	14,	William I. Weaver,	

Generating steam,	14,	Joseph Hawkins,	New-York.
Distillation,	15,	William Richardson,	Kingston, N. Y.
Improvement in stills,	17,	Montgomery Stevens,	New-York.
The alternate lift, for bricks and mortar,	20,	Benjamin Dearborn,	Boston.
Breaking flax and hemp,	20,	Thomas Pullen,	Lexington, Ken.
Improvement in the pump,	20,	Edward B. Scammon,	Scipio, N. Y.
Making bricks,	24,	William Mitchell,	Henrico, Vir.
Steam engine,	25,	Enoch Burt,	Elizabethtown, N. J.
Ointment for various uses,	26,	William Judkins,	Smithfield, Ohio.
Cutting and heading nails,	26,	Mark Reeve,	Philadelphia.
Improvement in the nail machine,	27,	Mark Reeve,	Philadelphia.
Manufacturing charcoal,	28,	Andrew Kurtz,	Philadelphia.
Spooling, winding, and bobbing machine,	29,	Calvin Flag and Obed Wright,	Hudson, N. Y.
Improvement in the Franklin stove,	July 3,	John F. Van Sicler,	Poughkeepsie, N. Y.
Manufacturing weavers' reeds,	3,	Jephtha A. Wilkinson,	Otsego, N. Y.
Distilling,	8,	Ezra Talmage,	Lancaster, Ken.
Propelling boats by power of weights,	8,	Moses Martin,	Woodbridge, N. J.
Improvement in the piano forte,	8,	George Charters,	New-York.
Cylindrical steam press,	12,	Ephraim Barker, John Hall, and Aaron Hall,	Boston.
Improvement in the Wellard patent time piece,	12,	Lemuel Curtis,	Concord, Mass.
Preparing flax and hemp without rotting by water	12,	William Hickingbottom,	New-York.
Machine for cutting, twining, &c. shell and horn combs,	13,	Samuel Parmele,	Saybrook, Conn.
The use of types, in guarding banks notes against forgery,	15,	Abel Brewster,	Hartford, Conn.
Apparatus for preparing quercitron bark,	15,	James Andrews,	Philadelphia.
Apparatus for moulding bushes or cogs for sheaves, &c.	15,	Thomas P. Walworth,	Patterson, N. J.
Hatter's plank kettle,	15,	Schuyler Fisher,	Herkimer county, N. Y.
Distilling apparatus,	16,	Amos Blood,	Boston.
Screw auger, called the single twist auger,	17,	Ezra L'Hommedieu,	Norwich, Conn.

Inventions.	When issued.	Names of Patentees.	Residence.
Improvement in the windmill,	July 18,	James Barron,	Elizabeth City, Vir.
Propelling boats by horses, mules, &c.	18,	Rodman Bowne,	New-York.
Machine for beating, bruising, cutting, &c. sub- stances,	18,	Adam Britz,	Philadelphia.
Improvement in the spinning machine,	18,	Zaccheus Wheeler,	Richmond, N. H.
Construction of Pontoons,	19,	Henry Carberry and William Tatham,	Washington City.
Pulverator for reducing ligneous substances to powder,	23,	Nathan Jones,	Boston.
Improvement in the loom,	23,	Robert Jackson,	Attleborough, Penn.
Upright power loom,	25,	Silas Shepard and John Thorp,	Taunton, Mass.
Evaporator and steam engine,	26,	David Heath,	Philadelphia.
Improvement in the churn,	28,	Artemas Bills,	Baltimore.
Cure of cancers,	30,	James Andrus,	Hillsborough, N. H.
Machine for making tacks,	August 1,	Jesse Reed,	Hanover, Mass.
Machine for drawing a plough,	6,	Luke Johnson,	Leominster, Mass.
Improvement in making hats,	20,	William Goodrich,	Philadelphia.
Mode of greasing the axletrees of carriages,	22,	Frederick Biemler,	New-York.
Improvement in the steam engine,	22,	John Hilton,	Somerset, Maine.
Improvement in the churn,	22,	Benjamin Webb,	Tolland, Conn.
Stocking loom,	22,	Aaron Porter,	Queensbury, N. Y.
Imprinting and forming coloured figures on hard substances, &c.	22,	John Edwards,	New-York.
Machine for spinning cotton and wool,	23,	Jacob Sprinkel,	Wythe, Vir.
Machine for ruling paper,	24,	Lewis Henry,	Bellevue Falls, Vt.
Improvement in the loom,	30,	Samuel Chapman,	Otsego, N. Y.
Improvement in stoves,	31,	Thomas Power and Isaac Power,	Hudson, N. Y.
Cutting and heading nails,	Sept 7,	Timothy Newhall, jun.	Essex county, Mass.

Improvement in stoves,	7,	Henry F. Liebenau,	New-York.
Floating wheel,	9,	John Owings,	Baltimore.
Air conducting bricks for stoves,	12,	Ephraim Treadwell,	Essex county, Mass.
Mode of building boats and sea vessels,	12,	William Annesley,	New-York.
Improvement in suspenders,	14,	Joseph Barnett,	Philadelphia.
Making rims for thimbles on the same body,	20,	Stephen Chandler,	New-York.
Rolling bar-iron edgewise,	20,	George Ellicott,	Baltimore.
Manufacturing elastic boots and shoes,	24,	Pierre Azam,	Baltimore.
Improvement in tanning,	26,	Bradford A. Potter,	Mainius, N. Y.
Floating valve wheel,	26,	Isaiah J. Richardson,	Geneva, N. Y.
Making cider and vinegar from the offals of a distillery,	26,	William Richardson,	Kingston, N. Y.
Double stove and parallel jointer,	Oct 1,	Joseph S. Keen,	Philadelphia.
Ornamentings, gildings, &c. with types,	9,	Francis Bailey,	Philadelphia.
Improvement in a piston,	9,	Peter A. Brown,	Philadelphia.
Improvement in an anvil and hammer,	9,	Charles Josselyn,	Pembroke, Mass.
Socket bobbin winder,	14,	John Thorp and Silas Shepard,	Taunton, Mass.
Cogging or dowelling instrument,	14,	William Bowhay,	Philadelphia.
Inclined horse wheel,	14,	Joseph Best Robinson,	Cincinnati, Ohio.
Machine for spinning wool and cotton, and for quilting,	16,	Jacob Richardson,	Scipio, N. Y.
Tide mill,	22,	Josiah Cleaveland,	St. Mary's Md.
Double plough,	23,	John Cromwell,	Roystertown, Md.
Improvement in the steam engine,	24,	Samuel Fairbank,	Marietta, Ohio.
Spinning and reeling machine,	24,	Caleb Shillidey and George McCaslon,	Shelbyville, Ken.
Plan of erecting salt works,	24,	David Thacher,	Tuckerton, N. J.
Improvement in the tinder box,	25,	Ira Ives,	Farrington, Conn.
Preparing moulds for refining sugar,	25,	Mervin Merrill,	New-York.
Metallic flexible catheter,	26,	Isaiah Balch and Moses Carter,	Salisbury, Mass.
Manufacturing posts for sitting chairs,	26,	Elijah Farrington,	New-York.
Improvement in making seats or chair bottoms, &c.	29,		

Inventions.	When issued.	Names of Patentees.	Residence.
Moulding and casting bells, James Rumsey's improvements on steam boilers and steam engines,	November 4, 15,	Benjamin Hanks, Edward Rumsey, (executor of James,)	Albany, N. Y. Kentucky.
James Rumsey's improvements in wheels and other machinery, operated on by steam,	15,	Edward Rumsey, (executor of James,)	Kentucky.
Improvements in the steam engine, applicable to navigation and other purposes,	15, 18,	Edward Rumsey, Englehart Cruise,	Kentucky. Charleston, S. C.
Cotton gin for separating the seed from cotton, Improvement in the manufacture of scale beams, Improvement in the churn,	18, 25, December 4,	John Edwards, Abel Broadway, John S. Sullivan,	New-York. Monson, Mass. Boston.
Steam tow-boats, Fur-cutting and cloth-shearing machine, Floating dry dock,	7, 13, 13,	Benjamin Martial and Dearborn Johnson, John Adamson, James Tucker,	Concord, N. H. Boston. Baltimore.
Machine for clearing the bottoms of rivers, Steam boiler, Improvement in the horse mill,	13, 14, 18,	Humbry Ricketson, William Cornewell, George B. Lothian,	New-York. Accomack, Vir. New-York.
Type moulds, Rarified chimney stoves, Improvement in the construction of the electrica apparatus,	18, 20, 24, 26, 26,	George Rogers, Thomas Brown, Thomas Gilpin, Anthony B. Martin, Timothy Newhall, jun.	Northampton, Mass. Albany, N. Y. Philadelphia. Hagerstown, Md. Lynn, Mass.
Double ruling machine, Mode of preventing the waste of water in conduit pipes,	31,	Elisha Putnam,	Albany, N. Y.

LETTER**FROM****THE SECRETARY OF STATE,****TRANSMITTING****A LIST OF THE NAMES****OF****PERSONS TO WHOM PATENTS HAVE BEEN ISSUED,****FOR THE****INVENTION OF ANY NEW OR USEFUL ART,**

Or machine, manufacture, or composition of matter, or any improvement thereon, from the 1st of January, 1817, to the 1st of January, 1818.

JANUARY 13, 1818.**Read, and ordered to lie upon the table.**

WASHINGTON:**PRINTED BY E. DE KRAFFT.****1818.**

DEPARTMENT OF STATE,**JANUARY 1, 1818.****SIR,**

In pursuance of a resolution of the House of Representatives of the United States, dated the 13th of January, 1812, I have the honor of transmitting a list of the names of persons who have invented any new or useful art or machine, manufacture, or composition of matter, or any improvement thereon, and to whom patents have been issued for the same, from this office, from the 31st day of December, 1816, to the 1st day of January, 1818, with the dates and general objects of such patents: and also the residence of the patentees, as far as they could be ascertained.

JOHN QUINCY ADAMS.

LIST OF PATENTS.

Inventions.	When issued	Names of Patentees.	Residence.
Kiln for burning lime, improvement on the	1817	Thomas Power	Hudson, New York
Cutting and heading nails at one operation	Jan. 7	Isaac Northrop	Oneida county, N. York
Projecting docks, mode of constructing	7	Moses Rogers	New York
Horizontal and perpendicular water wheel	10	William Pumell	Giles's county, W. Ten.
Eliptic valve pump	16	James Baker	Charlestown, Mass.
Cotton gin, improvement on the	17	Isaiah Jennings	New York
Rotary steam engine, improvement on the	17	Ditto	Ditto
Salt water, mode of obtaining	18	David and Joseph Rufner	Kanawha, Virginia
Straw cutting machine	18	Elihu Hotchkiss	Battleborough, Vermont
Floating machine for removing mud	22	Samuel Davis	Baltimore
Raising weights, machine for	22	Henry Nold	Buck's county, Penn.
Lime kiln, improvement on	22	George Harper	Jenkerstown, Penn.
Mode of applying draught horses to machinery	22	Webb Hart	Accomack, Virginia
Compressing and imprinting colors	24	Lewis John Bodvil Wells	Philadelphia
Fire places, improvement on	25	Levi Shepherd	Northampton, Mass.
Ribbons, machine for smoothing and glossing	27	Charles Cromwell	New York
Nails, machine for heading	29	Elisha Bigelow	Massachusetts
Sythe factory machine, improvement in	1	Benjamin and John Tyler	Claremont, New Hamp.
Wooden bellows, improvement in	1	Ditto	Ditto
Dye woods, machine for rasping and cutting	1	Beriah Swift	Washington, New York

LIST OF PATENTS—Continued.

Inventions.	When is- sued.	Names of Patentees.	Residence.
Cooking stoves, cast iron	1817	Albertus Swain	Hudson, New York
Water, mode of purifying	Feb. 1	Samuel Griffith	Ranslear county, N. Y.
Raising water by steam	4	William Baley	Nelson county, Ken.
Pump, improvement in	8	Daniel W. Christman	New York
Mineral waters, apparatus for making	10	James S. Ewing	Philadelphia
Rotary steam engine	21	Nathan Read	Boston
Threshing machine	22	Ditto	Ditto
Propelling carriages, boats, &c. machine for	22	Barnabas Langdon	Whitehall, New York
Spinning wheel, improvement in the	28	James Wright	Campbell county, Ken.
Cards, machine for grinding and facing	28	Gideon Drake	Windsor, Connecticut
Revolving ruler	March 3	Lemuel Hedge	Windsor, Vermont
Straw and fodder cutting machine	3	Samuel Whitlock	Vermont
Mode of applying the propelling power of wa- ter to machinery	3	Meredith Mallory	Benton, Ontario county New York
Grammatical key	3	James Brown	Newark, New Jersey
Alum, mode of making from lignite	3	Genet Troost	Philadelphia
Convalescent chair	13	John Mead	Albany, New York
Boiler for steam engines, improvement on the	13	Samuel Morey	Orford, New Hampshire
Tide and current water wheel	13	Ditto	Ditto

LIST OF PATENTS—Continued.

Inventions.	When issued.	Names of Patentees.	Residence.
Accommodation couch	1817	John Mead	Albany, New York
Lime kila, improvement on the	March 14	Jacob Swope	Lancaster, Pennsylvania
Composition for covering houses, &c.	14	Abijah Rogers	Hudson, New York
Improvement on the "Effeminate Spinner," for rope yarn.	14	John Pitman	Medford, Massachusetts
Water wheel, improvement on the	20	Benjamin Thomas	Washington City
Raising the nap on woollen cloth, machine for	20	Eli Starr and Nathan Couch	Sullivan Township, N. Y.
Window blinds, improvement on	20	George Munger	Cambridge, Maryland
Brickmaking and clay grinding machine	26	William Mitchell	Richmond, Virginia
Submarine propeller	24	John L. Sullivan	Boston
Application of condensed and compressed air in propelling boats	24	Ditto	Ditto
Steam engine, improvement on the	29	Ditto	Ditto
Small spinning wheels, improvement on the	29	Nathan Lewis	Canandaigua, N. York
Elexir of life	29	Jules Ruco	Baltimore
Teazling cloth	29	James Olney	Westmoreland, N. York
Water wheel, improvement on Rumsey and M'Comb's	April 3	Theodore Burr	Burr Haven, Dauphin county, Pennsylvania

LIST OF PATENTS—Continued.

Inventions.	When is- sued.	Names of Patentees.	Residence.
Building bridges, improvement on	1817	Theodore Burr	Burr Haven, Dauphin
Construction of chimneys, stoves, and fire places	April 3		county, Pennsylvania
Stove, improvement on the	5	Louis D. Detroitsmonts	New York
Saw mill, improvement on the	5	Joseph P. Simpson	Ditto
Threshing machine, improvement on the	5	David and Minor Fountain	Eastern Shore Maryland
Cylindrical boot cleaning machine	12	Thomas Cohoon and Wm. Elliot	Washington City
Knapping woollen cloth, machine for	16	Israel Pinkney	New York
Water wheel, improvement on the	16	Bishop N. Bursons	Ditto
Spring vaccinator,	16	Ira Griswold	Granby, Connecticut
Nail machine, improvement on the	17	William Haslett	Baltimore
Perpetual water wheel	18	Heman McCluer	Homer, New York
Stoves, improvement on	21	James Widdifield	Philadelphia
Composition for making copy, writing, and drawing books	26	Ephraim Treadwell	Boston
Pumps, improvement in	28	Richard Wall	Philadelphia
Window and door frames, improvement in	29	Thomas Nicholson	Washington City
Metalic single valve pump box	30	John Jordon	Rockbridge county, Va
Pumps, improvement in	May 2	Isaac Scott	Boston
Rotary dry dock	3	John M. Dearborn	Do.
	3	Joseph Webb	New York

LIST OF PATENTS—Continued.

Inventions.	When issued	Names of Patentees.	Residence.
Pumps, improvement in	1817	Wm. P. Tilton	Boston
Elliptic valve pump box, improvement on his	May 6	James Baker	Charleston, Mass.
Spinning wheel, improvement on the	9	Timothy Cruttendon	New York
Cutting brads and sprigs, machine for	12	Gudley Jenkins	Plymouth county, Mass
Trusses for ruptures,	16	Abel Blanchard	Pembroke, N. Hamp.
Teazling cloth	17	Josiah Beckwith	Lyme, Connecticut
Horizontal circular valve pump spear,	16	Ebenezer Leman	Boston
Application of steam as a moving power to machinery	23		
Plough, improvement on the	28	Samuel Briggs	New Orleans
Machine for making holes in horizontal plates or bars	29	David Peacock	New Mills, N. Jersey
Preparation of the flour of mustard, &c.	29	Benjamin King	Washington City
Folding paddle for impelling boats	31	Samuel Hopkins	Philadelphia
Boot and shoe maker's work bench	June 6	Ebenezer Jenks	Colebrook, Conn.
Water loom, improvement on his	7	Baruch Way	Ontario county, N. Y.
Nail machine, improvement on	10	Thomas Mussey	New London, Conn.
Revolving shears, for shearing cloth	10	Joseph Kello and Joseph Carter	Philadelphia
Right and left boot and shoe last	10	James Collins	Anson, Somerset, Me.
Combs, machine for cutting all kinds of	10	William Young	Baltimore
	14	Thomas G. Thomas	Philadelphia

LIST OF PATENTS—Continued.

Inventions.	When issued.	Names of Patentees.	Residence.
Sash work, machine for laying out, and striking, all kinds of	1817 June 17	Jeremiah Bliss	Somerset, Connecticut
Sawing machine, for clap boards, shingles, &c.	26	Josiah Jaquith	Sherburn, Mass.
Excavating plough, for canals, &c.	28	James Richmond	Hudson, New York
Letting water on the flutter wheel	July 1	Jarvis Smith	Queen's county, N. Y.
Belt or band saw	5	Adam Stewart,	Baltimore
Machine for sawing veneering, &c.	5	Do.	Do.
Horizontal or verticle radial saw	5	Do.	New York
Buckle for suspenders	7	Orange Webb	Albany, New York
Water wheel, improvement on the	12	Amos Thayer	Baltimore
Scraping and sweeping chimneys, machine for	17	John Hunt	Utica, New York
Trusses for ruptures, improvement on	21	Amos G. Hall	Clermont county, Ohio
Saw gates, machine for giving motion to	31	Samuel Herrick	Virginia
Angular plough	31	John Lupton	Geneva, New York
Improvement on Dearborn's patent balance	Aug. 1	Solomon A. Rogers	Newport, Rhode Island
Pumps, and pump boxes, improvement in	7	John C. Helme	Georgetown, D. C.
Hydraulic machine	8	Charles Darmand	Philadelphia
Veterinary ventilated bath		James Carver	Providence, R. I.
Mode of preparing varn for weaving		H. P. Franklin & Wm. B. Winsor	

Inventions.	When issued.	Names of Patentees.	Residence.
Screw machine, improvement in their	1817	Phineas Dow & Danl. Treadwell	Boston
Screws, machine for cutting wooden and metal	Aug. 8		
Vertical axes, steps, or ink and gudgeon, &c.	11	John Andrews	Dinwiddie county, Va.
Cloth shearing machines, improvement on	14	Do.	Do
	13	Eliphelet Remington	Frankfort, Herkimer county, N. York
Straw cutting machine	13	Wm. Ayres & Herman Gay	Windsor, Vermont
Head oar, for steering	15	Cornelius Seaman,	Washington, county, Maryland
Fire places, constructing	16	William Salisbury	Derby, Vermont
Japaned bellows, making	22	R. B. Richardson	Philadelphia
bleaching cotton and linen yarn, &c.	22	Jonas Kendan	Leominster, Mass.
Threshing machine, improvement on the	23	Silas Smith	Albany, New York
Steam engine, improvement on the	27	John Heavin	Virginia
Sugar mill, improvement on the	28	Jean Baptiste Aveille	New York
Propelling vessels, &c. by pendulum power	28	Joseph Cerneau	Do.
Pumps, improvement on	Sept. 1	Luke M. Loughton	Portsmouth, N. Hamp.
Hand raling machine	1	G. Strowhuver & Fred. Sanxay	Cincinnati, Ohio
Twining horn and tortoise shell combs, machine for	6	David E. Noyes	Philadelphia

LIST OF PATENTS—Continued.

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Inventions.	When issued.	Names of Patentees.	Residence.
Grand anti-billions and depurative gurider	1817		
Sinking wells, improvement in	Sept. 9	John James Giraud	Baltimore
Improved box, with anti-friction rollers	10	Eben. Hilvard	Philadelphia
Propelling vessels, &c. by animal power, mode of	11	William Edwards	Baltimore
Raising and forcing water, and other fluids	Oct. 3	J. P. Durand	New York
Carriage life preserver	3	Samuel Findley, Breese Morse & Sidney Edward Morse	Charleston, Mass.
Improvement on lamps	3	Henry G. De Grandval	Portsmouth, N. H.
Tacks and brads, machine for manufacturing	3	Alexander Black	Barnstable, Mass.
Nut boring bit, for boring gun barrels	3	Saml. Rogers & Thos. Blanchard	Boston
Loom, improvement in the	3	James Green,	Harper's Ferry
Piano forte, improvement on	3	Benjamin Cummings	Townsend, Mass.
Sap bucket	Oct. 3	John Geib	New York
	4	Jeremiah Purdy	Cherburne, Chenango county, New York
Anti-attrition, compound	4	Edward Mott	Philadelphia
Rising gate and fawcet gate, improvement on his	4	Jeremiah Brainard	Onieda county, N. Y.
Metalic projecting letters and figures	4	Lewis Child	New York
Carriages, improvement in	4	Benjamin Hale	Newburyport, Mass.

LIST OF PATENTS—Continued.

Inventions.	When issued.	Names of Patentees.	Residence.
Setting natural and artificial teeth, improvement in	1817 Oct.	Wilkinson R. Eagleson	Baltimore
Making and laying cordage, improvement in	4	Charles Lenox Sargent	Suffolk, Mass.
Boiling, improvement in	4	Caleb Shepard	Cincinnati, New York
Pump, (being a folding paddle) improvement in	10	Spencer Thomas	Boston
Manufacturing verdeggris, improvement in	13	George F. Hagner	Philadelphia
Manufacturing white lead, improvement in	13	George F. Hagner	Philadelphia
Steam engine, improvement in the	13	Israel J. Richardson	Geneva, New York
Horizontal inclined wheel, moved by animal weight	14	Moses Isaacs and John Wilbank	Philadelphia
Cordage, machine for manufacturing all kinds of	17	Stephen and James A. Bazen	Canton, Massachusetts
Gun barrels, mode of manufacturing	25	Asa Waters	Millbury, Mass.
Pewter candlesticks, making	24	Joshua Witherle	Boston
Pumps. improvement in	1	William Purcell	New York
Mortising machine	3	Nathan Mead & Jonathan Cutel	Walpole, N. H.
Tooth ache, remedy for	5	Joseph Utley	Hartford, Conn.
Process of milling, fulling, &c. cloths, improvement in	6	Martin Lee	Otsego, New York
Cement to be used under water	11	John Grant	Saratoga, New York

LIST OF PATENTS—Continued.

Inventions.	When issued.	Names of Patentees.	Residence.
Salt, improvement in the manufacture of	1817	Everard Hall	Princess Ann, Virginia
Steam boilers, improvement in	Nov. 14	Royal Yeamans	Baltimore
Lint loom	20	Francis Hall	Charleston, Mass.
Collecting, regulating & retaining heat in stoves	25	William Phoebus	New York
Water proof stiffening for fur and wool hats	28	William Ruckles	Baltimore
Straw cutting machine	28	Arnold Brayton & H. C. Green	Cheshire, Mass.
Stove, fire-place and oven, improvement in	5	John Rice	Hartland, Vermont
Elastic clamp for shoemakers, &c.	6	Thomas Rowell Hoyt	Goffstown, N. H.
Propelling boats by wheels by animal power	11	Anthony Olney	Canton, Massachusetts
American water burner	11	Samuel Morey	Orford, N. H.
Machine for extinguishing fires and sweeping chimneys	11	Ephraim Paine	Philadelphia
Threshing machine, for threshing small grain	23	Nathan Read	Belfast, District Maine
Improvement in the art of gilding, silvering, &c. on leather	26	Andrew Allen	New York
Rollers for distributing the, on printer's types	26	Hugh Maxwell	Lancaster, Penn.
Cotton hopper for cleaning cotton	21	Gurdon F. Saltonstall	Fayetteville, N. C.
Machine for finishing and dicing morocco	31	Moses Hall	Charleston, Mass.
Machine for cutting and heading nails	31	Melville Otis	Boston
Removing spots from silken and woollen goods	31	Aaron Hall and John Hall	Boston

LETTER

FROM

THE SECRETARY OF STATE,

TRANSMITTING

A LIST OF THE NAMES

OF

PERSONS TO WHOM PATENTS HAVE BEEN GRANTED,

FOR

ANY USEFUL INVENTION,

FROM

FIRST OF JANUARY, 1818, TO FIRST OF JANUARY, 1819.

JANUARY 7, 1819.

Read, and ordered to lie upon the table.

WASHINGTON.

PRINTED BY E. DE KRAFFT.

1819.

DEPARTMENT OF STATE,

January 1, 1819.

SIR,

In pursuance of the resolution of the House of Representatives of the United States, dated the 13th of January, 1812. I have the honor of transmitting a list of the names of persons who have invented any new or useful art, or machine, manufacture, or composition of matter, or any improvement thereon, and to whom patents have been issued for the same, from this office, from the 1st day of January, 1818, to the 1st day of January, 1819, with the dates and general objects of such patents; and also, the residence of the patentees, as far as could be ascertained.

I have the honor to be,

With great consideration,

Your very obedient servant,

JOHN QUINCY ADAMS.

*The Honorable the Speaker
of the House of Representatives of the United States,*

LIST OF PATENTS, &c.

INVENTIONS.	DATE.	NAMES OF PATENTEES.
	1818.	
Saw mill, improvement in	6	Daniel Collins, Genessee county, New York.
Perpetual oven, improvement on the	8	Wm. T. Hunter, New York.
Machine for cutting bungs, &c.	15	Alexander Donaldson, Salem, Mass.
Fetters for horses	15	Joseph Watson, New Canaan, Conn.
Machine for splitting timber	15	Daniel Wright, Franklin, Delaware co. N. Y.
Instrument for holding the pen	15	Henry Smith, Georgetown, D. C.
Pointing cannon, in the mode of	17	Jeremiah Black, Northumberland, Penn.
Construction of coaches, &c.	17	Benjamin Hale, Newburyport, Mass.
Constructing the Archeinedian screw	17	Jeremiah Black, Northumberland, Penn.
Propelling boats, mode of	17	John P. Durand, New York.
Machine for shearing cloth	17	Wm. Stillman, Westerly, Rhode Island.
Machine for sizing and dressing cloth	17	Paul Moody, Waltham, Mass.
Lamps, improvement in	23	Winslow Lewis, Boston.
Converting iron into steel, partially	28	Ebenezer Jenks, Colebrook, Connecticut.
Polishing powder for metals	28	Holmes Greenwood, Providence, R. I.
Metallic portable bedsteads	28	Joseph Homer, New York.
Finishing and dyeing silk goods	30	Abner Stearns, and Wm. Barrett, West Cambridge, Mass.
Seasoning wood	2	James Donaldson, Philad.

LIST OF PATENTS—Continued.

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INVENTIONS.	DATE.	NAMES OF THE PATENTEES.
	1818.	
Stiffening hats, mode of	February	Alanson & Garret V. Raymond, Baltimore.
Thrashing machine	7	Thrashing machine, Mathews county, Va.
Straw cutting machine	9	Alpheus, Bigelow, Weston, Mass.
Auger to bore square and other rectilineal holes	13	Cyrus. Jackson, Otsego county, N. York.
Machine for collecting sand, &c.	14	Rufus Elliott, Georgetown, D. C.
Thrashing machine	14	Nathan Read, Belfast, D Maine.
Pump, improvement in	18	Daniel Updike, New York.
Thrashing machine	19	Thos. Beatty & Michael, Washington, D. C.
Thrashing machine	25	James Jones, jr. New Haven, Con.
Machine for kneading dough, &c.	25	Samuel, Nixon, Prince George's co. Va.
Wheel regulator and spare gear	28	John L. Sullivan, Boston.
Supply chamber for boilers, &c.	28	Do.
Steam engine boiler improvement in	28	Do.
Hulling grain, machine for	28	Benj Maltby & Maltby Fowler, N. Haven Con.
Consuming smoke, mode of	28	John Ecoff, Wheeling co, Va.
Trailing wheel for mills	March	John Read, Lime. Con.
Steel mill for grinding coffee, &c.	5	Increase Wilson, New London, Con.
Cloth shearing machine	6	David Dewy Rutland co. Va.
Improvement in the horse boat	6	Moses Isaacs, Philad.
	16	
	17	

LIST OF PATENTS—Continued.

INVENTIONS.	DATE.	NAMES OF THE PATENTEES.
	1818.	
Application of pumps in propelling boats	17 March	Mayer Ulman & Moses Isaacs, Philadelphia.
Kettles for boiling salt, &c.	18	Jeremiah Kendall, Fayette co. Penn.
Printer's ball stocks, improvement in	18	John Babcock, New Haven, Conn.
Smith's bellows, improvement in the	23	Alanson Holmes. Pomfret, New York.
Mud machine	28	Samuel Davis, Baltimore.
Making white lead	28	Edward Clark, Philadelphia.
Machine for preparing rags for making paper	28	Benjamin Cox, Northampton, Mass.
Stoves, improvement in construction	10 April	Burgess Allison, Philad.
Hanging rudders, improvement in hanging	10	John Shaw, Philad.
Propelling boats, mode of	10	John James Giraud, Baltimore.
Stoves, improvement in	11	Robert & John Mount, New York.
Straw cutting machine	11	Stephen A. Sherwood, Poughkeepsie, N. Y.
Machine for turning gun barrels	11	Sylvester Nash, Harper's Ferry, Va.
Weaving machine	11	David, Grieve, Providence, R. I.
Cooking stove	16	John Adams, Hudson, New York.
Machine for rolling metallic tubes	16	Cyrus Eastman, Hillsborough, N. Hampshire.
Water wheel improvement in the	21	John Evens, Davies co. Indiana.
Agency of dogs as a new power	27	Anthony Tieman, New York.

LIST OF PATENTS—Continued.

INVENTIONS.	DATE.	NAMES OF THE PATENTEES.
Employing the waste steam, &c.	1818. April 28	Jno. H. Morton, Thos. Bovley & Robt. Huston, Lexington, Ky.
Paddles for propelling ships, &c.	28	John L. Sullivan, Boston.
Locks for doors, improvement in	28	William Pye, New York.
Union Lock	28	Do. Do.
Wooden springs for carriages	26	James Greenwood, New Castle, Del.
New mode of applying water as a power	1	Amos Thayer, Albany, New York.
Water wheel, improvement in the	1	Do. Do.
Medicated liquid magnesia	4	John Cullen, Philad.
Water tew iron	26	Gld'n Davis Sandy Springs, Montgomery, Md.
Plough, improvement in	25	Do. Do.
Manufacturing white lead	28	Joseph Richards, Philad.
Manufacturing into plates and sheets	28	Evan J. Ellicott, Baltimore.
Wind wheel	28	Moses Isaacs, Philad.
Printing press, improvement in	28	Adam Ramage, Philad.
Metal hair combs	28	Linus, North, Orsago, New York.
Nailing on the soles of boots and shoes	2	John Bedford Philad.
Machine for propelling boats	6	Thomas Kearsing, New York.
In arranging music to printed books	9	Moses Elliot, Boscawen, N. H.

LIST OF PATENTS—Continued.

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INVENTIONS.	DATE.	NAMES OF PATENTEES.
Mills for grinding coffee. &c.	1818.	Burrows Smith, Cincinnati, Ohio
Gun, to discharge 7 or more times	June 9	Artemas Wheeler, Concord, Mass.
Submarine ploughing	10	John Kendrick, Newton, Mass.
Improvement in music	10	Nicholas Antonius Lete, New York.
Improvement in spinning wheel, &c.	11	John Brown, Providence, R. I.
Pump, improvement in the	12	Wm. Hendrick, New York.
Machine for grinding sugar cane	13	John Gottlieb Breithler, New Orleans.
Machine for sawing stone	17	John & Sullivan Dwight, Boston.
Manufacturing common salt	23	George, Munger, New Haven.
Tachygraphy, or the flying pen	29	Louis M de Sprangh, New York.
Making leather tubes or hose, &c.	6	Abm. L. Pennock & Jas. Sellers, Philad.
Making mail bags. &c. by nailing	July 6	Do.
Steam bath for medical purposes	6	John Deverin & John Baptiste Isabelle, Lexington, Ky.
Circular saw, improvement on the	11	Wm. Fred. Hill, New York.
Steam engine, improvement in	11	Wm Church, Baltimore.
Machine for tearing up trees, &c.	15	Salmon Gray, Lawrence co New York.
Securing locks from being picked	17	Geo. Whitfield Robinson, Attleborough, Mass.
Setting kettles, &c. for boilers	17	Do.

INVENTIONS.	DATE.	NAMES OF THE PATENTEES.
Engine for extinguishing fires . . .	1818. July	John Richardson, jr. Shrewsbury, Mass.
Bent wood handle and socket for ladles . . .		Simeon Stedman, Hartford, Con.
Improvement in making casks . . .		Joseph Little, Hillsborough, N. H.
Wooden springs, improvement in . . .		James Clark, Kent co. Del.
Horse rake, improvement in the . . .	August	Peirson Reading, Trenton. N. J.
Cotton yarn, improvement in spinning . . .		Peleg Arnold, Coventry, Con.
Machines for manufacturing combs . . .		Daniel Pettibone, Philad.
Lathes for turning gun barrels . . .		Danl. Dana & Anthony Olney, Canton, Mass.
Bookbinding, improvement in . . .		John Meer, Philad.
Sleeves for blocks, improvement in . . .		Nathl. H. Lewis, N. York.
Crystallizing tin, improvement in . . .		George F. Valentine, Albany, N. Y.
Gramulating gun powder, improvement in . . .		Danl. Rogers, Newburg, New York.
Catching fish by gill nets, improvement in . . .	27	James Drummond, New York.
Constructing ovens in the Am. Stoves . . .		Ephm. Treadwell, Salem, Mass.
Loom, improvement in the . . .		Ewd. Warren, New York.
Piano forte, improvement in the . . .	September	Joseph Alois Guttwaldt, New York.
Machine for knapping, &c cloth . . .		John Joseph Bryant, Andover, N. H.
Fire-places, improvement in . . .		Ebenezer Jenks, Colebrook, Con.
Dyeing and finishing silk, improvement in . . .		Abner Stearns & Wm. Barrett, Boston.

INVENTIONS.

DATE.

1818.

Stoves, improvement in
 Roping, twisting, and winding cotton
 Sweeping chimneys, machine for
 Machine for ornamenting columns, &c.
 Carriages, improvement in constructing
 Distilling, improvement in
 Joint of a rule for window catches
 Winnowing machine, improvement in
 Bleaching, improvement in
 Asiatic Lensitive for pain
 Window springs, improvement in
 Rod for measuring packages, &c.
 Plough, improvement in the
 Inspecting cotton, machine for
 Improvement on Zena Phinney's cornsheller
 Clarifying castor oil
 Vaporous alembic
 Floating dry dock, improvement on
 Making plough shares by rolling out

NAMES OF THE PATENTEES.

Aaron Lane, New York.
 David Grive, Providence, R. I.
 Aaron Lane, New York.
 Cyrus Durand, Springfield, N. J.
 John B. Swan, Albany, New York.
 Peirce Woods, Frederick co. Md.
 Noble Hurdle, Georgetown, D. C.
 Thomas Beatty, Washington, D. C.
 John George Kientzle, Montgomery co. Penn.
 Ezekiel Audler, New York.
 Gideon Drake, Hartford, Con.
 Danl. Stanbury, Laurel Hill, N. J.
 Perry Miller, Washington county New York.
 Louis Viales, New Orleans.
 Hugh Gallagher, Pittsburgh.
 John Hallock, Burlington co. N. Jersey.
 Charles Merot, Philad.
 Albert Bruz, Augusta, Georgia.
 Joseph Potts, Montgomery co. Penn.

September 13
 18
 22
 22
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 29
 October 1
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 26
 29
 29
 November 5
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LIST OF PATENTS—Continued.

INVENTIONS.	DATE.	NAMES OF THE PATENTEES.
Organs, improvement in . . . Springs for carriages, improvement in . . . Propelling boats, improvement in the mode of . . . Propelling boats, improvement in . . . Horse wheel to propel boats, improvement in . . . Conduit pipes, improvement in . . . Machine for breaking flax, hemp, &c. . . . Hydraulic machine Heat retainer and imparter Argand's Lamp improvement in Ink standish, improvement in the Sample box Winnowing machine Odometer, to ascertain the distance Propelling boats Casting the faces of mill-stones Rotary steam engine, improvement on. . . . Double stern wheel for boats American water burner, improvement on the	1818. November	Aaron Merrill, Peasley, Boston. Michael H Bonwill, Canterbury, Del. Abm. Taylor, New York. Jeremiah Gray, Peckskill, New York. Rodman Bowne & John Murphy, New York. Elisha Putnam, Albany, New York. David Melville, Newport, R I. Joseph James Lynganore, Md. John K. Mitchell, Philad. David Melville, Newport, Ansel Haywood, Easton, Mass. George P Oakley, Poughkeepsie, N. York. Jacob Bromwell, Baltimore. James Clarke, Pownatan co Va. Andrew Bartholomew, Albany, New York. Graften Manter, Londonderry, N. H. John L. Sullivan, Boston. Do. Do. Do. Do.
	December	
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LIST OF PATENTS—Continued.

INVENTIONS.	DATE.	NAMES OF THE PATENTEES.
Organs, improvement in	November 11 1818.	Aaron Merrill, Peasley, Boston.
Springs for carriages, improvement in	17	Michael H Bonwill, Canterbury, Del.
Propelling boats, improvement in the mode of	18	Abm. Taylor, New York.
Propelling boats, improvement in	18	Jeremiah Gray, Peckskill, New York.
Horse wheel to propel boats, improvement in	18	Rodman Bowne & John Murphy, New York.
Conduit pipes, improvement in	18	Elisha Putnam, Albany, New York.
Machine for breaking flax, hemp, &c.	18	David Melville, Newport, R I.
Hydraulic machine	18	Joseph James Lynganore, Md.
Heat retainer and impartor	19	John K. Mitchell, Philad.
Argand's Lamp, improvement in	19	David Melville, Newport,
Ink standish, improvement in the	23	Ansel Haywood, Easton, Mass.
Sample box	23	George P Oakley, Poughkeepsie, N. York.
Winnowing machine	25	Jacob Bromwell, Baltimore.
Odometer, to ascertain the distance	26	James Clarke, Powhatan co Va.
Propelling boats	30	Andrew Bartholomew, Albany, New York.
Casting the faces of mill-stones	1	Graften Manter, Londonderry, N. H.
Rotary steam engine, improvement on.	8	John L. Sullivan, Boston.
Double stern wheel for boats	10	Do. Do.
American water burner, improvement on the	10	Do. Do.
	11	Do. Do.

INVENTIONS.	DATE.	NAMES OF THE PATENTEES.
Steam boat side rudders	1818. December 41	John L. Sullivan, Boston.
Thrashing machine	46	Chester Bullard, Jocham Gay, & Ira Draper, Norfolk co. Mass.
Conduit pipes, improvement in making	18	Joshua Clark & Levi Crowell, Westminster, Va.
Sweeping chimneys	19	Wm Hall, New York.
Triple pipe steam boiler	19	Saml. Morey, Orford, N. H.
American water burner, improvement in the	19	Do. Richard Nicholas Harrison, New York.
Plough, improvement in the	19	Aea Waters, Milbury, Mass.
Turning gun barrels	19	Do.
Swing bucket water wheel	22	Do. Tobias Ruffner, Kenawha, Va.
Sinking Wells	22	James Batchelder, Grafton, N. H.
Tanning hides and skins	22	Thomas Mayfield, Baltimore.
'Thrashing machine, improvement in the	28	Elijah Skinner, Sandwich, N. H.
Machine for grinding paint, &c. . . .	28	George D Avery, Wood county, Va.
Plough, improvement in the	28	John L. Sullivan, Boston.
Steam engine boiler, improvement in the	29	John Palmer, Cincinnati, Ohio.
Improvement on the inclined wheel . .	29	Henry Wilson, Phelps, Ontario co. New York.
Spinning wheel, improvement in the . .	29	Henry William, Wheatley, New York.
Screw power applied to propelling boats	30	Ebenezer Smith, Paris, Oncido co. N. York.
Lever crane	31	

LETTER

FROM

THE SECRETARY OF STATE,

TRANSMITTING

A List of the names of persons who have invented any new or useful Art or Machine, Manufacture, or Composition of matter, or any Improvement thereon; and to whom Patents have been issued for the same, from the 31st day of December, 1818, to the 1st day of January, 1820, with the dates and general objects of such Patents. and also the residence of the Patentees, as far as could be ascertained.

JANUARY 7, 1820.

Ordered to lie on the table.

WASHINGTON:

PRINTED BY GALE & SEATON.

1820.

DEPARTMENT OF STATE,

JANUARY 1, 1820.

SIR: In pursuance of the resolution of the House of Representatives of the United States, dated the 15th of January, 1812, I have the honor of transmitting a list of the names of persons who have invented any new or useful art or machine, manufacture, or composition of matter, or any improvement thereon, and to whom patents have been issued for the same, from this office, from the 31st day of December, 1818, to the 1st day of January, 1820, with the dates and general objects of such patents; and also the residence of the patentees, as far as could be ascertained.

JOHN QUINCY ADAMS.

*To the Honorable the SPEAKER**Of the House of Representatives of the U. States.*

INVENTIONS.	When issued. 1819.	NAMES OF PATENTEES.	RESIDENCE.
Spindle and bobbin for spinning cotton, &c.	Jan. 9,	Wm. B. Leonard	Fishkill, N. York.
Machine for making cordage	" 9,	Do.	Do.
Machine for making bottle corks	" 12,	James Barron	Hampton, Virginia.
Mode of shooting with steam	" 19,	Samuel Morey	Orford, N. Hampshire.
Leading the flame in stoves by wire gauze.	" 20,	Do.	Do.
Blocks used in stereotype printing	" 20,	Matthew Smith	New York.
Machine for making brooms	Feb. 3,	Shadrach H. Weed	Poughkeepsie, N. York.
Construction of fire-places	" 3,	Eliphalet Nott	Schenectady, N. York.
Stirrups for saddles	" 3,	Daniel Adams	Keene, Cheshire co. N. H.
Mode of propelling boats or vessels	" 3,	Wm. J. Lewis	Virginia.
Anti-friction bush for sheaves in blocks	" 6,	James Rudder	Norfolk, Virginia.
Double speeder for winding cotton	" 6,	William Hines	Coventry, R. Island.
Improvement in the cooking stove	" 6,	Palmer Jenkins	Hepbourn, Washington co.
Improvement in the printing press	" 8,	John J. Wells	New York.
Upright stove boiler	" 19,	Thomas E. Barker	Hartford, Connecticut.
Mode of producing alternate lateral motion	" 19,	Nathan Moody	Green Co. New York.
Sheet iron shovel for barns, &c.	" 19,	John Brower	Massachusetts.
Improvement on the rifle or plain barrel gun	" 19,	Artemas Wheeler	Berk's Co. Penn.
Pump for air or water	" 20,	James Barron	Hampton, Vir.

LIST OF PATENTS—Continued.

INVENTIONS.	When issued.	NAMES OF PATENTEES.	RESIDENCE.
Stamped paper carpets - - -	" 23,	Francis Guy	Baltimore.
Improvement in the steelyard - -	" 27,	Jacob Bartholomew	Middlebury, Vermont.
Chesnut tree, or castanea visca, used for tanning	" 26,	William Sheldon	Springfield, Mass.
Machine for hulling grain and rice - -	" 26,	Ben. Maltby and Malt- by Fowler	New Haven, Con.
Boiler for distilleries - - -	" 27,	Thomas Pierce	Hartwick, Otsego co. N.Y.
Progressive lever press - - -	" 27,	Jacob Perkins	Philadelphia.
Machine for shearing cloth - - -	March 2,	Seth Parsons	Kouseck, Renselaer Co.
Printing by means of rollers - - -	" 11,	Burgess Allison and Wm. Elliot	N. York.
Improvement in the gun or rifle - -	" 16,	Obediah Stith	Washington City, D. C.
Improvement in distilling - - -	" 18,	James Caze	Quarrelstown, Bruns- wick Co. Vir.
Winnowing machine - - -	" 18,	Horatio Watkins	New York.
Fire hearth range or galley - - -	" 19,	George Youle	New York.
Improvement in the balance - - -	" 24,	Benjamin Dearborn	Boston.
Elastic seat saddles - - -	April 2,	William Harper	Nashville, Tenn.
Double speeder for roping cotton, &c. -	" 3,	Paul Moody	Boston.
Mode of propelling boats - - -	" 3,	James Lyon	Statesburgh.
Brick making machine - - -	" 8,	Adam Stewart	Baltimore.
Machine for clearing obstructed channels -	" 12,	Cha's Thompson Baker	Providence, R. I.

Machines for making tin ware	-
Apparatus for making mineral waters	-
Balance or fly wheels, applied to machinery	-
Improvement in pumps	-
Springs for carriages -	-
Moveable axle, improvement on the	-
Improvement on the tobacco press	-
The use of hemlock in tanning	-
Spinning frame for cotton	-
Corn shelling machine	-
Imp't in manu'g springs, nails, brads, clouts, &c.	-
Making sugar from wheat, rye, &c.	-
Improvement in the rotary steam engine	-
Raising water by steam for mills	-
Improvement in the tube auger	-
Compost for improving soils	-
Hat rounder and hat gauge	-
Mode of heating plates for hot-pressing	-
Machine for manufacturing snuff	-
Improvement in the velocipede	-
Making saddles without saddle-trees	-
Machine for dicing and polishing leather	-
Carbonated mead	-
Construction of engines generally	-
Machine for cleaning wheat, &c. from snuff	-
Improvement on close and open fire-places	-
Instrument for measuring heights and distances	-

" 25,	" 17,
" 23,	" 25,
" 26,	" 26,
" 26,	" 29,
" 30,	" 29,
" 29,	June 2,
" 30,	" 2,
" 30,	
" 30,	
May 6,	
" 6,	

Seth Peck	
Samuel Fahnestock	
John Ordronau	
Job L. Munson	
George Norton Reynolds	
Do.	
Edmund Brown	
John Lansing, junr.	
Paul Moody	
Walter Jones	
Roswell Noble	
James Wiseheart	
Antoine Batty	
John Ambler	
Robert Thomas	
Anthony B. Martin	
Samuel Jones	
Moses A. Quigley	
Thomas Baldwin	
Wm. K. Clarkson, junr.	
Peter Dixon	
Lemuel Hedge	
James Heaton	
Jacob Idler	
Ephraim Tisdale	
John C. Brush	
Benjamin Wilmer	

Southington, Con.	
Lancaster, Penn.	
New Haven, Con.	
Charleston, S. C.	
Do.	
Richmond, Vir.	
Albany, N. Y.	
Boston.	
Ashford, Windham Co.	
Con.	
Baltimore.	
Wayne Co. Indiana.	
New York.	
Borlin Co. N. York.	
Richmond Co. N. C.	
Baltimore.	
Bridgeport, Fayette Co.	
Penn.	
Washington Co. Md.	
New Castle, Del.	
New York.	
Philadelphla.	
Windsor, Ver.	
New York.	
Philadelphia.	
Warren Co. N. York.	
Washington, D. Col.	
Baltimore.	

INVENTIONS.	When issued.	NAMES OF PATENTEES.	RESIDENCE.
Glass instead of metallic strings for piano fortes	" 21,	Richard Bury	Albany, N. York.
Welding cast steel to iron, &c.	" 21,	Daniel Pettibone	Boston.
Granulating gun powder	" 21,	Gardiner Fulton	Philadelphia.
Improvement in mail coaches, &c.	" 26,	Simeon Draper	Brookfield, Worcester Co. Mass.
Teaching music by means of a dumb instrument in producing the swell in keyed instruments	" 30,	George Geib	New York.
Improvement in the plough	" 30,	Charles Pommer	Philadelphia.
Machine for turning gun stocks, &c.	" 6,	Jethro Wood	Poplar Ridge, Cayuga Co. N. York.
Water proof stiffening for hats	" 23,	Thomas Blanchard	Middlebury, Mas.
Machine for cutting combs	Oct. 14,	Johan Heinric Tilge	Washington, D. Col.
Improvement on locks for canals	" 19,	David E. Noyes	Philadelphia.
Machine for cutting combs	" 28,	Josiah White	Philadelphia.
Do.	Nov. 3,	Nison Foot	Philadelphia.
Conveying the true pronunciation of syllables	" 3,	Benjamin Baskell	Paris, France.
Composition for ships' bottoms	" 8,	Jacob A. Cummings	Boston.
Mode of cleaning streets, roads, &c.	" 10,	William Russell, jr.	New Bedford, Mas.
Casting balls, shot, &c. of lead	" 10,	John Tucker	New York.
Improvement in the plough	" 11,	Daniel Pettibone	Philadelphia.
Inclined circular plane	" 17,	Cornelius Bergen	Brooklyn, N. York.
		Moses Isaacs	New York.

Machine for making paper	-	Dec. 2,	John B. Pignatelli	New York.
Improvement in clocks	-	" 8,	Simon Willard	Boston.
Method of shoeing sledges, sleds, sleighs, &c.	-	" 13,	William Barton	New York.
Improvement in the Archimedian screw	-	" 14,	James Cooper	Augusta County, Va.
Improvement in the apparatus for distilling	-	" 14,	Frederick Kalisky	Philadelphia.
Machine for shearing cloth	-	" 15,	Elihu Hotchkiss and Aaron Jaque	Brattleboro', Vermont.
Improvement in the churn	-	" 15,	John Hale	Hillsboro' New Ham.
Reckers for cradles, chairs, &c.	-	" 21.	Samuel Simmons	Baltimore.
Machine for boring holes in posts	-	" 21.	James Corbett	Hanover, Penn.
Straw cutting machine	-	" 21,	Lemuel Greene	Green Co. Georgia.
Imp't in making brushes from broom corn	-	" 21,	Bezaleel Croasdale	Byberry, Penn.
Improvement in making razor strops	-	" 24,	Jonas Crumbacker	Union, Fred. Co. Md.
Method of hanging bells	-	" 24,	Anthony Lynar	New York.
Imp't in the art of hollowing out iron bars	-	" 24,	Thomas Rowand	Gloucester Co. Penn.
Imp't in the double forcing pump	-	" 31,	Wm. Baker	Springfield, Otsego Co. N. York.
Imp't in the art of weaving	-	" 31,	Jeremiah H. Pierson and Jas. H. Simmons	Hempstead, Rockland Co. N. York.
Imp't in the guage plate for making readies for ropes, &c.	-	" 31,	Robert Graves	Boston.

NOTE. This list of patents falls short of the usual number, one half; for the inventors find it useless to obtain patents for sale, while there is no money to purchase them, as their time would expire in vain: they therefore have only prepared their papers, and entered them as caveats; of which there are, on the list in the Patent Office, about three hundred; besides some hundred deposits of papers not yet prepared for patents.

WILLIAM THORNTON, *Sup. Patent Office.*

DEPARTMENT OF STATE,

January 1st, 1821.

SIR: In pursuance of the resolution of the House of Representatives of the United States, dated the 13th of January, 1812, I have the honor of transmitting a list of the names of persons who have invented any new or useful art or machine, manufacture, or composition of matter, or any improvement thereon, and to whom patents have been issued for the same, from this office, from the 31st day of December, 1819, to the 1st of January, 1821, with the dates and general objects of such patents; and, also, the residences of the patentees, as far as they could be ascertained.

JOHN QUINCY ADAMS.

To the honorable the **SPEAKER**

Of the House of Representatives of U. S.

NAMES OF PATENTEES AND THEIR PLACES OF RESIDENCE.

215

Improvement on bridges . . .
Bread finisher . . .
Machine for making ropes, &c. . .
Casting or moulding spermaceti candles by heat
applied to the moulds . . .
Mortice water lock gate . . .
Improvement in railways and carriages . . .
Machine for washing, drying, and screening wheat
Raising the power of steam in steam engines with-
out increasing the quantity . . .
Apparatus for towing boats on canals, &c. . .
Bridges, improvement on . . .
Apparatus for preparing the oxy muriate of lime
Coating for ships' bottoms . . .
Water proof cement . . .
Elastic water proof hats . . .
Making spruce beer . . .
Elastic seat saddles . . .
Cooking stove . . .
Plough, improvement in the . . .

When
issued

1820.

Jan. 4
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Feb. 1
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March 3

John Bragg, Montreal, Canada.
Ephraim Treadwell, Philadelphia.
Eleazer Crain, Springfield.
Wm. W. Swain, New Bedford, Massachusetts.
Wm. Martin, Windham county, Connecticut.
Charles Williams, Richmond, Virginia.
Sam'l Martin and Zadock Chapin, Ontario coun-
ty, New York.
Charles Leek, Ross county, Ohio.
Peter Cooper, New York.
Ithiel Town, Fayetteville, North Carolina.
Jonas Kendall, Lincoln, Worcester county, Mass.
James Russell, New Bedford, Massachusetts.
Canvas White, White's town, Oneida co. N. Y.
Arnold Buffum and Jer. Kelly, Smithfield, R. I.
John Williams, Cambridge, Middlesex, Mass.
Peter H. Martin, Nashville, Tennessee.
Israel Keyes, Putney county, Vermont.
Ph. Marshall and Jacob B. Smith, Lambertsville,
New Jersey.

LIST OF PATENTS—Continued.

INVENTIONS.	When issued.	NAMES OF PATENTEES AND THEIR PLACES OF RESIDENCE.
	1820.	
Ship building, improvement in . . .	March 6	Abel Brewster, Hartford, Connecticut.
Fire places, improvement in . . .	6	Elijah Griffiths, Philadelphia.
Hollow or guttered grid irons . . .	6	Thomas Mussey, New London, Connecticut.
Wind power pump . . .	8	Heman Bronson, Kent county, Litchfield, Con.
Construction of privies, improvement in . . .	16	Marc Marie Duplat, Charleston, S. C.
Circular saw for making clap boards . . .	16	Rob't Eastman and Josiah Jaquith, Brunswick, Massachusetts.
Fire hearth, &c. for vessels . . .	18	John Lamb, Amboy, New Jersey.
Coffee roaster, improvement in . . .	20	Peregrine Williamson, Baltimore.
Tobacco press, improvement in the . . .	23	Simon Fraser, Nottingham, Maryland.
Apparatus for removing earth . . .	23	Ichabod L. Skinner and Sam'l F. Tooker, Hartford, Connecticut.
Fire engine, improvement in the . . .	28	Ebenezer Bryant, New London, Connecticut.
Locks, improvement on . . .	April 4	Henry and Jacob Day, New York.
Boiling salt, improvement in . . .	4	Osborn Parsons, Pittsburg, Pennsylvania.
Manner of using the twisted screw auger for boring guns . . .	4	Wm. Holmes, Winchester, New Hampshire.
Making shaded letters . . .	4	George Bruce, New York.
Machine for knapping and brushing up cloth . . .	4	John Byram and Sylvanus D. Fuller, Mendam county, New Jersey.
Common hoe, improvement on the . . .	6	Pardon H. Merrill, Hinsdale, Cheshire co. N. H.

Double forcing pump, improvement on the
Heleogeastrum, or planetarium
Improved application of steam or vapor in extract-
ing spirits and working steam engines
Portable rotary oven
Brewing by steam
Splitting leather
Machine for excavating canals
Machine for making watch chains
Hominy mill
Cooking stove, improvement in the
Towing boats, &c. improved mode of
White wash brush, improvement on the
Machine for making watch chains
Machine for turning gunstocks, &c.
Composition for cleansing and preserving teeth
Family pills, improvement on his
Floating wharfs for catching fish
Water wheel, improvement on the
Currying knife, improvement in the
Ploughs, improvement in
Machinery for the purpose of gaining power
Balance lever hydraulic machine
Linen spinning wheel
Machine for draw grinding gun barrels
Plough, improvement in the
Machine for hulling grain and rice
Instrument for mapping lands, &c.
Spiral helm wheels

8	Sena Gillett, (adm. of Sam'l Gillett) Windsor, Con.
12	Theodore Newell, Poultney, Rutland county, Ver.
20	Richard Wilcox, New York.
20	Do.
21	Harvey Hackley, New York.
May 3	Ephraim Howard and Joshua Butters, Boston.
3	Ichabod L. Skinner, Hartford, Connecticut.
4	Samuel Keplinger, Baltimore.
8	Nathan Read, Belfast, Maine.
23	Nathan Winslow, Portland, Maine.
24	Samuel Howard, Savannah, Georgia.
June 2	Elijah S. Curtis, Charlestown, Massachusetts.
5	John Hatch, Baltimore.
15	Azariah Woolworth, Waterbury, Connecticut.
17	Levi Spear Parmly, New York.
17	Daniel Coit, New York.
24	Asael Bailey, Havre de Grace, Maryland.
July 5	Elisha Hall, Baltimore.
6	Daniel Tomlinson, Brookfield, Connecticut.
6	John W. Jenkins, Hudson, New York.
11	Charles Redheffer, Philadelphia.
18	Daniel Fisk, Springfield, Otsego county, N. Y.
20	Benjamin Simmons, Paris, Oneida county, N. Y.
28	Tho. Dakin, Harper's Ferry, Virginia.
28	Jno. S. Wright, Greenwich, Washington co. N. Y.
28	Masby Fowler, New Haven, Connecticut.
Aug. 3	James Deneale, Dumfries, Virginia.
3	Robert P. Cunningham, Pomfret, Connecticut.

LIST OF PATENTS--Continued.

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INVENTIONS.	When issued.	NAMES OF PATENTEES AND THEIR PLACES OF RESIDENCE.	
		1820.	
Machinery for passing boats up rapids	Aug. 12	Lemuel Thwing,	Dedham, Massachusetts.
Locks and latches, improvement on	12	Harvey Durkee, (assignee of J. Chittenden)	Burlington, Vermont.
Making ingrained carpeting	12	John and Nicholas Haight,	New York.
Washing machine, improvement on the	15	Benj. Cox, Hadley,	Hampshire county, Mass.
Wire rolling sifters or screens	16	Nathan Sellers,	Philadelphia.
Smut machine, improvement on the	23	Jas. Gillaspie, Middletown,	Frederick co. Md.
Circular open stove or fire place	31	Richard Berrian and Frs. Class,	New York.
Weighing machine, improvement on the	Sept. 7	Eli Wadsworth, Hartford,	Connecticut.
Construction of clocks, &c. improvement in the	13	Jas. Henry, Maysville,	Kentucky.
Improvement in the mode of finding the longitude	13	Do.	Do.
Double shovel plough, improvement on the	20	John Balltirope,	Loudon county, Virginia.
Plough, improvement in the	13	Robert L. and Edwin A. Stevens,	Hoboken, N. J.
Wheel for propelling boats, &c.	Oct. 2	James Prince,	New York.
Knapping hats with rabbits' fur	2	David Evans,	Alexandria, Virginia.
Common sewer mouth, improvement on the	3	Alexander Ramsey,	Philadelphia.
Cock, improvement on the common	4	Ebenezer Hubball,	Baltimore.
Machine for spinning cotton yarn	4	Wm. Bald, jun.	Providence, R. I.
Water wheels, improvement in	10	David Beauchamp,	Elizabethtown, Wood county, Virginia.
Machine for cleaning rice, &c.	19	Richard French,	Morrisville, Bucks co. Penn.

Power loom, improvement in the	.	.	.
Machine for breaking bark, &c.	.	.	.
Baking or burning pans, improvement in	.	.	.
Valve cock, improvement on the	.	.	.
Machine for sweeping chimneys	.	.	.
Swinging horse frame for facilitating the shoeing of horses	.	.	.
Plough, improvement in the	.	.	.
Windmill, improvement in the	.	.	.
Bee-hives, improvement in	.	.	.
Making saddles, improvement in	.	.	.
Winnowing machine, improvement in the	.	.	.
Finishing leather, machine for	.	.	.
Improved mode of drawing yarns and forming them into readies	.	.	.
Mode of laying cordage, &c.	.	.	.
Machine for equalizing the strain upon yarns, &c.	.	.	.
Machine for propelling vessels	.	.	.
Machine for making ram rods	.	.	.
Improvement in medicine	.	.	.
Improvement in the manufacture of wooden pegs for boots and shoes	.	.	.
Improvement on the double speeder, No. 1	No. 1	.	.
do.	do.	No. 2	.
do.	do.	No. 3	.
do.	do.	No. 4	.
do.	do.	No. 5	.
Combination of improvements on the double speeder	.	.	.

Oct. 28	Wm. Gilmore, Smithfield, Providence, R. I.
31	Nathan Sears, Hudson, New York.
Nov. 7	Wm. Burtus, New York.
8	John Cluley and Benj. Slancliff, Philadelphia.
8	Samuel S. Edmonston, New York.
8	Joseph Kirk, Weston, Windsor co. Vermont.
9	Charles Wood and Gilbert Brundage, Blooming-grove, Orange county, New York.
14	Pierre Etienne, New York.
16	Edward Blake, Hartford county, Maine.
16	Elihu Walker, Aurora, Niagara county, N. Y.
24	Josiah Brown, New London.
24	Jas. Burr, Johnstown, Montgomery county, N. Y.
22	Robert Graves Boston.
22	do.
22	do.
22	do.
22	John James Giraud, Baltimore.
21	Chas. Chauncey Barstow, Exeter, N. H.
24	Lorenzo Dow, Hebron, Connecticut.
24	Thos. Rowell, Hartford, Windsor county, Ver.
Dec. 7	Jonathan Fiske, Medway, Massachusetts.
7	do.
8	do.
8	do.
8	do.
8	do.
7	do.

LIST OF PATENTS—Continued.

INVENTIONS.	When issued.	NAMES OF PATENTEES AND THEIR PLACES OF RESIDENCE.
1820.		
Machine for dowelling heading for cooperage .	Dec. 11	Ralph Hunt, Ontario county, New York.
Imp't in raised banding and ornamental binding .	12	Douw K. Van Vechten, New York.
Cast iron plough, improvement in the .	14	John Seaver and John Fay, Rockingham, Ver.
Application of the oil of cotton seed for all the pur- poses of linseed oil .	16	George P. Digges, Albemarle county, Virginia.
Iron boats for navigating rivers, &c. .	21	Thos. J. Bond, Baltimore.
Improvement in the double speeder .	30	Paul Moody, Waltham, Massachusetts.
Improvement in sleighs .	30	Jacob, Fisher, Kennebeck, Maine.
Improvement in the reel for spinning and making tobacco .	30	Samuel and Enoch Hardy, Kennebeck, Maine.
Improvement in the current and tide mill .	30	Henry Allen, Fayette county, Tennessee.
Improvement in the application of steam .	30	Aaron Niles Sabin, Frankfort, Kentucky.

LETTER

FROM

THE SECRETARY OF STATE,

TRANSMITTING

A LIST OF THE NAMES OF

Persons to whom Patents have been issued

FOR ART

New or useful Art, or Machine,

MANUFACTURE, OR COMPOSITION OF MATTER,

OR IMPROVEMENT THEREON,

For one year, prior to the 1st January, 1822.

JANUARY 8, 1822.

Ordered to lie on the table.

WASHINGTON:

PRINTED BY GALE & SEATON.

1822.

DEPARTMENT OF STATE,

1st January, 1822.

SIR: In pursuance of the resolution of the House of Representatives of the United States, dated the 13th of January, 1812, I have the honor of transmitting a list of persons who have invented any new or useful art, or machine, manufacture, or composition of matter, or any improvement thereon, and to whom patents have been issued for the same from this office, from the 1st day of January, 1821, to the 1st day of January, 1822, with the dates, and general objects of such patents, and, also, the residence of the patentees, as far as they could be ascertained.

JOHN QUINCY ADAMS.

To the Honorable the SPEAKER
of the House of Representatives.

A List of Patents for one year, prior to the 1st January, 1822.



Inventions.	When Issued.	Names of the Patentees.	Residence.
	1821.		
Improvement in machinery for propelling boats	Jan. 3	John James Giraud	Baltimore
Improvement in the machine for cutting dye woods	10	Elijah Converse	Dayton, Montgomery co.
Improvement in the machine for roping cotton	19	Paul Moody	Boston. [Ohio.
Improvement in the machine for roping and spinning wool and cotton by hand	23	John Brown	Providence, R. I.
Paste for razor straps	24	Elisha Miner	New Haven, Conn.
Machine for shelling corn	26	H. Rosevelt, & E. J. Rosevelt	New York.
Improvement in the harness for weaving	26	M. Chandler & E. Brown	Cazenovia, New York.
Imp't in the plough, being a shifting share	Feb. 1	John Wood	Castleton, New York.
Machine for laying cordage	1	Robert Greaves	Boston.
Mode of applying dry metallic and colored powders to type printing	1	George John Newberry	New York.
Machine for opening the mould of glass blowers	2	Deming Jarves	Boston.
Improvement in the horizontal pedal water wheel and perpendicular pivot	5	John James Giraud	Baltimore.
Machinery for gearing and ungearing the paddle wheels for propelling all kinds of vessels	9	B. S. Doxey	U. S. Navy, Baltimore.
Water proof cement	17	Canvass' White	Whitestown, New York.
Vibrating steam engine	17	Phineas Davis	York, Penn.
Machine for roping and spinning cotton	19	Paul Moody	Boston.
Machine for roping cotton, called the double speeder		do	do

List of Patents—Continued.

Inventions.	When Issued.	Names of the Patentees.	Residence.
	1821.		
Spinning frames for cotton	Feb. 19	Paul Moody	Boston.
Foot gin for cleaning cotton	20	Wm. Gould	M'Intosh co. Georgia.
Lever press	20	Thatcher Blake	Turner, Oxford co. Maine.
Machine for shearing cloth	20	Zachary Cary	Oxford co. Maine.
Making mantel-pieces of cast iron or other soft metal	21	Isaac Deavs	Philadelphia.
Mode of cleaning furs, wool, &c.	21	Daniel Vail	do
Imp't in lamps for burning fat, &c.	20	Josiah Warren	Cincinnati, Ohio.
Fire-fenders to prevent the spread of fires	27	Elisha Ruggles	Rochester, Mass.
Improvement in the hydrometer	28	Elijah Southworth	New York.
Dry scouring clothes	March 3	Thomas L. Jennings	do
Cutting boots and shoes by rule	3	Simeon Hart	Monkton, Vermont.
Imp't in the crank, called the anti-friction crank	9	Benjamin L. Oliver	Salem, Mass.
Making aqueduct pipes	19	Thomas B. Robbins	Stockbridge, Mass.
Machine for making cotton roping	23	Silas Shepard	Taunton, Bristol co. Mass.
Bridle for stopping horses when running away	20	Peter Laporte	Louisa co. Virginia.
Machine for dipping candles	20	John Aborn	Burlington co. N. Jersey.
Machine for planting corn	20	Andrew Cock	Flushing, Queens co. N. Y.
Imp't in hooping or tireing carriage wheels	20	Russel Hunt, 2d	Litchfield co. Conn.
Spiral lever press	21	Abm. O. Stansbury	New York.
Improved top sled for cordage	28	Robert Greaves	Boston.
Improvement in the steam engine	23	Minas Ward	Columbia, Ohio.

Improved machine for shelling corn	-	-	28	Noah Lindsay	Catskill, New York.
Machine for protecting firemen	-	-	29	Ralph Bulkley	New York.
Machine for threshing and cleaning grain	-	-	30	James Gregg	Londonderry, N. H.
Improvement in boats for rivers	-	-	3	N. C. Dawson & A. Rucker	Pedlar's Mills, Amherst
Imp't in warping, dressing, &c. cotton goods	-	-	5	James Morgan	Baltimore. [co. Va.
Improved printing press	-	-	7	Abm. O. Stansbury	New York.
Machine for sifting sand, lime, &c.	-	-	14	Evariste Blanc, jun.	New Orleans.
Improved fanning mill, for grain, &c.	-	-	16	Daniel Donoghoe	New York.
Land clearing machine	-	-	18	Thomas Oxley	Norfolk, Va.
Linen spinning wheel head	-	-	19	Jared S. Stewart	Springfield, Otsego co. N.Y.
Imp't in the construction of cast iron ploughs	-	-	23	R. L. & E. A. Stevens	Hoboken, N. J.
Hardening the edge of plough shares	-	-	23	do	do
Improvement in the riding saddle	-	-	25	Peter Dixon	Philadelphia.
Improvement in distilling spirits	-	-	27	Robert Blaikie	New York.
Improvement in propelling horse boats	-	-	1	Barnabas Langdon	Troy, New York.
Improvement in the carding machine	-	-	2	Joshua Woodard	Portage co. Ohio.
Improvement in the printing press	-	-	13	Samuel Rust	New York.
Improvement in carpenters' planes	-	-	14	R. Wellford & J. H. Deas	Philadelphia.
Machine for making bricks	-	-	17	Seth Belknap	Newbury, New York.
Machine for winding quills	-	-	23	Francis Jones	New York.
Improved fire engine hose	-	-	30	James Boyd	Boston.
Machine for pulverizing wood	-	-	2	Alexander Tolson	Georgetown, D. C.
Improvement on Morrison's spigot and faucet	-	-	4	Jonathan Bliss	Philadelphia.
Improvement in fire irons	-	-	8	Richard Willingham	New York.
Mode of marking and cutting out clothes	-	-	16	Allen Ward	Huntsville, Alabama.
Mode of packing thread	-	-	20	Reuben Langdon	Hartford, Conn.
Improvement in the liquor fount	-	-	25	John Douglass	New York.
Improvement in the hay rake	-	-	25	Th. C. Hance	Palmyra, New York.
Improvement in fulling cloth	-	-	26	Ross Winans	Warwick, Orange co. N. Y.

List of Patents—Continued

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Inventions	When Issued.	Names of the Patentees.	Residence.
	1821.		
Imp't in the water boiler and steam still	June 26	Stephen Stillwell	Bainbridge, N. Y.
Improvement in the valve cock	29	Frederick D. Sanno	Philadelphia
Improvement in staining and printing silks	29	Thos. and Wm. Bryan	New York
Navigable mercantile house	July 7	Roger Haskell	Geneva, New York
Improvement in manufacturing sail duck	9	Josiah Chapman	Frankford, Penn.
Improvement in travelling carriages	8	George H. Richards	New London, Conn.
Machine for cutting gun trucks	6	Robert Rose	Washington, D. C.
Perpetual proof still	6	Baltazar Ignace Kallen- back	Philadelphia
Oblique water wheel	7	Ralph Bulkley	New York
Improvement in the steam wheel	8	Amos Thayer, jun.	Albany, New York
Imp't in the machine for sweeping chimneys	8	John W. Moore	Washington, D. C.
Improvement in the mud machine	9	John Eveleth	Georgetown, D. C.
Inclined wheel applied to churning	10	G. F. Reeve and Jos. Ketcham	Orange County, N. Y.
Smut and scouring machine	10	Frederick Woodward	Butternuts, Otsego co.
Braiding machine	10	John Thorp	Providence, R. I. [N. Y.]
Manufacturing sail cloth	10	James Richards	Patterson, N. J.
Anti-dyspeptic pills	7	George Smith	New York
Machinery for setting up hats	11	Joseph Grant	Providence, R. I.
Machine for mincing whale's blubber	11	Benjamin Taber	Fairhaven, Mass.
Machine called the vertical spinner	11	John Brown	Providence, R. I.

List of Patents—Continued.

Inventions.	When Issued.	Names of Patentees.	Residence.
Machine for packing cotton	1821.	John Cooke	Fayetteville, N. C.
Stove bottom boiler	Oct. 12	Benjamin Simonds, jun.	Bedford, Mass.
Oven door flue	15	do	do
Improvement in chains for cables	15	Isaiah Jennings	New York.
Improvement in floating dry docks	29	Edward Covenhoven	Greenburgh, N. Y.
Improvement in bedsteads	30	Daniel Powles	Baltimore.
Improvement in locks and bolts	31	Thomas Whaley	New York.
Sliding door locks and bolts	2	William Winning	do
Improvement in ladies' reticules, &c.	7	Charles M. Graham	do
Improvement in fire grates, called the caloret	10	John Humes	Richmond, Va.
Machine for digging canals, &c.	10		
Machine for cutting the tops and bottoms of bandboxes	18	Benjamin Meestayer	New York.
Improvement in metallic reeds for weavers	15	Peter Frs. Herbin	Paterson, N. J.
Improvement in andirons	16	William Pye	New York.
Improvement in railways	16	Chs. Williams	Boston.
Elastic floor for propelling boats	17	Oliver Phelps	Lansing, New York.
Improvement in the plough	17	O. Phelps & G. Moorehouse	do
Improvement in the bark mill	22	E. Trask & J. Trask	Sangerfield, New York.
Imp't in the boilers for steam engines	30	Th. Skidmore	New York.
Imp't in the condensers for steam engines	1	do	do
Making candles by machinery	4	James M. Yard	Trenton, N. J.
Chemical anti-dysenteric medicine	4	John G. Vought	Rochester, N. Y.

improvement in the sliding sector, &c. -
 chine for hulling and shelling rice -
 improvement in bedsteads -
 chine used for the medicated steam bath -
 improvement in the washing machine -
 improvement in setting saw teeth -
 king cotton yarn, without the aid of twist -
 improvement in the loom -
 chine for threshing and winnowing wheat, &c. -
 improvement in the method of raising water -
 improvement in steam boilers -
 improvement in making treenails, &c. for ships -
 improvement in ornamenting cloth, &c. -
 improvement in the horizontal water wheel -
 't in manufacturing grass bonnets and hats -
 improvement in the cast iron plough -
 improvement in water proof boots and shoes -
 improvement in the cupola furnace -
 improvement in corsets -
 improvement in the machinery of clocks -

4 Gabriel H. Thompson
 5 Elihu Spencer
 6 Peregrine Williamson
 7 Benj. Marshall
 7 James Barron
 7 Webb Hart
 11 Erastus Walcott
 11 Edmund Warren
 12 Seth Ballou
 13 N. N. Destrehan
 13 Stephen Baker
 13 Thomas Rowell
 14 Jas. C. Wood
 26 Horace Howard
 29 Gurdon Wells & Sophia Wells
 29 David Hitchcock
 31 Aaron Dana
 31 Henry Warral
 31 William Jas. Cantello
 31 William Dean

Boston.
 New Haven, Conn.
 Baltimore.
 New York.
 Norfolk, Va.
 Camden, S. C.
 Newport, New York.
 New York.
 Livermore, Maine.
 Charles' Parish, Lou.
 New York.
 Hartford, Vermont.
 Philadelphia.
 Wooster, Ohio.
 [Conn.
 Wethersfield, Hartford,
 New York.
 Boston.
 New York.
 New York.
 Pleasant Valley, Dutchess
 co. N. Y.

LETTER

FROM

THE SECRETARY OF STATE,

Transmitting a List of the Names of Persons

TO WHOM

PATENTS HAVE BEEN GRANTED

FOR ANY

NEW AND USEFUL INVENTION,

DURING THE YEAR 1822.

JANUARY 22, 1823.

Read, and ordered to lie upon the table.

WASHINGTON:

PRINTED BY GALE & SEATON.

1823.

DEPARTMENT OF STATE,

January 1st, 1823.

SIR: In pursuance of the resolution of the House of Representatives of the United States, dated the 13th of January, 1812, I have the honor of transmitting a list of the names of persons who have invented any new or useful art or machine, manufacture, or composition of matter, or any improvement thereon, and to whom patents have been issued for the same from this office, from the 1st of January, 1822, to the 1st of January, 1823, with the dates and general objects of such patents; and, also, the residence of the patentees. as far as they could be ascertained.

JOHN QUINCY ADAMS.

To the Honorable the SPEAKER

Of the House of Representatives of the U. S.

A List of Patents for one year, prior to the 1st of January, 1823.

Inventions.	When Issued	Names of the Patentees.	Residence.
	1822.		
Improvement in the pick axo	Jan. 15	Luke Baker	Pultney, Vermont.
Improvement in manufacturing scythes	17	Ephraim Kimball, jr.	Fitchburg, Mass.
Improvement in the washing machine	17	Pascal Cady	Brooklyn, Con.
Imp't in rotary shifting piston steam engine	19	J. Lansing, jr. & Amos Thayer, jr.	Albany, N. Y.
Improvement in drawing card and other wire	19	Russell Prouty	Spencer, Mass.
Improvement in the plough	21	David Peacock.	Northampton, N. Jersey.
Improvement in machinery for expressing oil from seeds. &c.	22	John Hallock	Little Egg Harbor, do.
Improvement in razor straps	24	Jacob Houck	New Market, Maryland.
Improvement in the machine for breaking the chaff and cleaning clover seed	28	John Botton	Warren, New York.
Improvement in the straw-cutting machine	29	Jonathan S. Eastman	Baltimore.
Imp't in making shoes, socks, and moccasins	30	S. Norris & J. C. Wood	Philadelphia.
Improvement in finishing scythes	30	Charles McNamara	Northbridge, Mass.
Improvement in fastenings for window shutters, &c.	31	Bernice West & Philander Soper	Rome, New York.
Improvement in the polygonal wheel and chain paddles, for propelling boats, etc.	31	T. Elmer & Azel Pier-son	Bridgetown, N. Jersey.
Improvement in the elastic spring sofa, etc. etc.	Feb. 2	Sherman Blair	New Haven, Con.

Inventions.	When Issued	Names of the Patentees.	Residence.
Improvement in a machine called the life pole and fire engine assistant - - -	1822.	Wm. W. Van Loan	Catskill, N. York.
Improvement in the tubes for glass lamps - -	Feb. 2	Deming Jarves	Cambridge, Mass.
Improvement in fire places - - -	4	Joseph Maggini	Baltimore.
Improvement in the process of making warm pressed castor oil from castor beans - -	5	Timothy Pharo	Tuckerton, N. Jersey.
Improvement in the plough - - -	5	Wm. G. Stuart	Orange county, N. York.
Improvement in transferring impressions to wood from paper - - -	7	Ashly C. Baker & Mac Fund Bidelle	Albany, New York.
Improvement in making waistcoats, pantaloons, etc.	8	Charles Kenrick	New York.
Improvement in the cast iron plough - - -	12	Josiah Ducher	Durham, New York.
Improvement in the mowing machine - - -	13	Jeremiah Bailly	Chester county, Penn.
Improvement in the cast iron plough - - -	16	George W. Hawkins and Horace Emery	Windsor co. Vermont.
Improvement in the pressing, hoisting, and lowering machine - - -	20	Philip Freeman	Perth Amboy, N. Jersey.
Improvement in ornamenting the tops of iron and other railing - - -	21	Paulus Hedl	New York.
Improvement in drawers for wearing apparel - -	26	Henry Brewer	New York.
Improvement in the steam engine - - -	28	Thomas Hatton	Philadelphia.
Improvement in the cooking stove - - -	March 1	Philologus Holley.	Red Hook, New York.

2	Daniel Pierson	Boston.
2	Benjamin F. Brown	New York.
4	George Lyman	Charles Parish, Louisiana.
6	Reuben Fairchild and Eben. Fairchild	Fairfield county, Conn.
6	Henry Andrew	New York.
6	Wm. Brower	Rensselaer co. New York.
9	David Ritter	New Haven, Connecticut.
9	Bela Tarr	Norwich, New York.
9	J. Hascall and D. Hascall	Likay, New York.
9	Charles M. Graham	New York.
11	John J. Pierce,	Greenfield, Mass.
11	John B. Brown and Jo- nathan Farmer	Boston.
13	John Sharp,	Whitestown, New York.
13	John C. M. Brockway	Lyme, Connecticut.
13	Andrew Woods	Charlestown, Virginia.
16	Robert Moore	Rowan, co. N. Carolina.
20	Samuel Cranston	Cumberland, Ro. Island.
20	Eben. Green and Merrit Blackslee	Litchfield, Conn.
21	Peter Quidor, junior	New York.
21	John Ives	Bristol, Vermont,
23	William Hall	Boston.
23	George Murray	Philadelphia.
25	Con. Geo. Gill & Geo. Gill (B. S.)	Chester, S. Carolina.

-	Improvement in a domestic telegraph	-
-	Improvement in the standing press frame	-
-	Improvement in the inclined wheel	-
-	Improvement in the machines and tools for mak- ing saddle trees	-
-	Improv't in window curtains, screws, and key	-
-	Improvement in moccasins, socks, or over shoes	-
-	Improvement in the composition for stroops for sharpening razors	-
-	Improvement on Hull's patented truss	-
-	Improvement in the construction of grist mills	-
-	Improvement in the construction of artificial teeth	-
-	Improvement in the open cooking stove	-
-	Improvement in horse shoes	-
-	Improvement in spinning woollen yarn	-
-	Improvement in the anti-dysenteric pills	-
-	Improvement in the nursing and other chairs	-
-	Imp't in the delaying of buds from blossoming	-
-	Improvement in the spring-shuttle spindle	-
-	Improvement in the method of bending timber	-
-	Improvement in wind, water, and tide mills	-
-	Improvement in making clock cases	-
-	Improvement in making isinglass	-
-	Improvement in the formation of bank notes	-
-	Improvement in the plough	-

Inventions.	When Issued.	Names of the Patentees.	Residence.
	1822.		
Improvement in medicine -	March 27	John Prentiss	New London, Conn.
Improvement in the threshing machine -	28	Alvin Savage	Wheatland, New York.
Improvement in the winnowing machine -	30	Henry Beadle	Willingford, New Haven co. Conn.
Improvement in the machine for punching holes in metal, etc. -	April 2	John Sarchet	Philadelphia.
Improvement in the method of separating hair from skins, &c. -	4	Samuel Brooks	New York.
Improvement in the printing press -	6	Peter Smith	do.
Improvement in fire places -	11	Stephen Spalding	Colchester, Con.
Improvement in the domestic loom -	13	Benjamin Maltby	New York.
Improvement in the covering of rollers for sizing	13	Everett Williams	Stratford, N. H.
Improvement in the universal compass -	13	Samuel Dew	Romney, Virginia.
Improvement in the fire engine -	16	Solomon Lockwood & Wm. Loveland	Little Falls, N. Y.
Improvement in making stove pipe -	16	William W. Weaver	Philadelphia.
Improvement in distilling -	17	Philip Griener	Brandywine, Penn.
Imp't in the machine for washing or grinding, &c.	19	James Justin	Pittsburg, Penn.
Improvement in the machine for making pails	19	Reuben Hyde	Winchester, Mass.
Improvement in the fender for fire places -	19	Elijah Skinner	Sandwich, N. Haven.
Improvement in making gunpowder -	19	Joseph M. Merrow & Robert McKee, jr.	East Hartford, Con.

Improvement in the team shovel -	23	Elisha Case	Canton, Con.
Improvement in the threshing machine -	23	Bonj. Tyler, John Tyler, & James B. Andrews	Windsor, Vermont.
Improvement in the metallic screw cock -	28	Jeremiah Garey	Baltimore.
Improvement in the machine for kneading dough -	23	Josiah S. Fisher & Syl- vester W. Talbot	Dedham, Mass.
Improvement in knives for cutting up blubber -	25	William Ball	New York.
Improvement in attaching rigging to mast heads -	25	William H. Allen	U. States Navy. [<i>Killed by the Pirates.</i>]
Improvement in the saw mill -	27	Thomas White	Chester, S. Carolina.
Imp't in the machine for getting out clover seed -	27	William Loomis	Ashford, Con.
Improvement in fire engines -	27	Ebenezer Higgins	Saratoga, N. Y.
Improvement in the threshing machine -	29	Reynolds Gillman	New York.
Improvement in the machine for pressing bricks -	30	Benjamin Rolfe	During, N. H.
Improvement in the loom -	May 1	Edmund Warren	New York.
Improvement in ploughs -	2	John Gibson	Montgomery co. N. Y.
Improvement in stoves and fire places -	4	Lemuel Hitchcock	Weathersfield, Vt.
Imp't in the plough, drill, and cotton thinner -	7	William Willis	Edgesfield district, S. C.
Imp't in the machine for cleaning wheat, &c. -	8	Jedediah Tallman	Oncida co. N. York.
Improvement in making bricks and tile -	10	James E. Stubbs & James Bonner	Cincinnati, Ohio.
Imp't in glass lights for ships and building -	11	Joshua Oakes	Boston.
Improvement in the angle lever -	14	James Barron	Norfolk, Va.
Improvement in the stove -	14	James Barron	do.
Improvement in the machine for making paper -	14	John Ames	Springfield, Mass.
Improvement in the stop cock -	15	John Morris	New Haven, Con.
Improvement in the machine for breaking flax -	17	Samuel Davison	Romulus Township, N. Y.
Improvement in making and preparing metallic plates for engraving and printing -	17	David H. Mason	Philadelphia.

List of Patents—Continued.

Inventions.	When Issued.	Names of the Patentees.	Residence.
	1822.		
Improvement in the blocks and wedges for raising vessels and for other uses in ship building	May 17	John Thomas	Washington, D. C.
Imp't in the construction of locks and latches	18	Joel F. Thayer	Boston.
Improvement in a machine for pressing tar out of yarn for cordage	20	Thomas Barnitt	Philadelphia.
Improvement in the bark mill	24	James Elliott	do.
Improvement in the stove	25	Bradford Seymour & Andrew C. Bettis	
Improvement in the scale for measuring, &c.	29	Josiah J. Hendryx	Utica, N. Y.
Improvement in the vertical tide water wheel	31	Robert Leal	Bennington, Vt.
Improvement in the machine for splitting leather	31	Joshua Butters	Delhi, N. Y.
Imp't in the washing machine	June 15	Francis Goucher	New York.
Imp't in the hemp and flax dressing machine	15	Henry Burden	Philadelphia.
Improvement in the churn	15	Benjamin Haden, jr.	Albany, N. Y.
Improvement in the machine for splitting skins and pelts	17	William Bent	Trenton, N. Jersey.
Improvement in the churn	19	Eleazar Brown and Angel Keith	Philadelphia.
Improvement in the percussion gun	19	Joshua Shaw	Winfield, N. York.
Improvement in increasing the power of mills	20	Robert Burns	Philadelphia.
Improvement in the marine rail-way	24	John Rodgers	Mifflin co. Penn.
			Washington, D. C.

Improvement in wind mills - - -
 Improvement in making carriage wheels - -
 Imp't in the stove for burning Lehigh coal, etc. -
 Improvement in the throstle spindle - - -
 Improvement in the horse-hay rake - - -
 Improvement in the plough share - - -
 Imp't in the lever to raise bodies perpendicularly -
 Improvement in the mode of making leaden pipes -
 Improvement in the machine for dressing flax and hemp - - -
 Improvement in the threshing machine - - -
 Improvement in the art of vaccination - - -
 Improvement in the revolving lever for propelling boats - - -
 Improvement in the machine for hulling all kinds of grass seeds, etc. - - -
 Improv't in heating liquids in wooden cisterns -
 Improvement in the plough - - -
 Improvement in the art of rigging vessels - -
 Improvement in the truss lever and sling - - -
 Improvement in the cotton gin - - -
 Improvement in the method of distilling - - -
 Improvement in the machine for threshing - -
 Improvement in the cast iron truss shears - -
 Improvement in the machine for granulating gun powder - - -
 Improvement in the mode of covering the heads of the nails and bolts in vessels - - -
 Improvement in the mode of making bank notes

24 William Phoebus
 24 John Whitaker
 24 Robert McMinn
 26 Chs. Lewis & G. Taylor
 26 Moses Pennock
 1 Baily Carpenter
 1 Richard Sealy
 5 Richard Ward
 9 William Cumberland
 9 Major McDonald
 10 James Smith
 10 Lewis Merchand
 12 Thatcher Blake
 15 David McAllister
 22 Abijah Lee
 24 Samuel Wells
 24 Samuel Pennoyer
 27 Frederick S. Cozzens
 30 Joseph Pope
 31 Enos Baldwin
 Aug. 3 William H. Richardson
 3 William Mellus
 13 James Ph. Puglia

New York.
 Dingman's ferry, Penn.
 Philadelphia.
 Poughkeepsie, N. York.
 East Marlborough, Penn.
 Somers' Town, N. York.
 New York.
 Waterbury, Connecticut.
 New York.
 Topsham, Maine.
 Baltimore.
 Blakely Alabama.
 Paris, Maine.
 Brookfield, Vermont.
 West Chester, N. York.
 Boston.
 Boston.
 Cross River, New York.
 New York.
 Hallowel, Maine.
 New York.
 Baltimore.
 Dorchester, Mass.
 Philadelphia.

Inventions.	When Issued.	Names of the Patentees.	Residence.
	1822.		
Improvement in the manufacturing of isinglass	Aug. 14	John Hastings	Cambridge, Mass.
Improvement in the machine for sawing marble	14	Eben. W. Judd	Middlebury, Vermont.
Improvement in the bridle	15	Peter Laporte	Richmond, Virginia.
Improvement in the mode of making furnaces	19	George W. Robinson	Attleborough, Mass.
Imp't in the method of finishing glass buttons	19	Spencer Richards	do.
Improvement in the preparation of quercitron bark	20	James Elliott	Philadelphia.
Improvement in the fermenting apple cider	21	William Elder	N. Brunswick, N. Jersey.
Improvement in the machines for printing paper hangings, cloth, books, etc.	22	Peter Force	Washington, D. C.
Imp't in the method of ventilating vessels, etc.	23	Charles W. Skinner	Norfolk, Virginia.
Improvement in the cutting box	24	William Willis	South Carolina.
Improvement in canal locks	26	George Bender	New York.
Improvement in bleaching unrotted flax and hemp	27	William Cumberland	New York.
Improvement in saddle trees and in making	29	Anthony Null	Philadelphia.
Improvement in grid-irons	29	Daniel Ball	Ballstown Spa. N. York.
Improvement in the kiln for drying malt by steam	30	David St. Leger Davis	Hibernia, Tennessee.
Improvement in the machine for dressing flax and hemp	31	James Macdonald	New York.
Improvement in the wool-picker	Sep. 2	Beriah Brown	Exeter, Rhode Island.
Improvement in the machine for divesting coffee of the hull	10	Nathan Read	Belfast, Maine.

Improvement in the machine for breaking sugar	11	James Mitchell	Northern Liberties, Phila.
Improvement in the forge hollow fire	11	Samuel Collins	Springfield, Mass.
Improvement in pessaries	12	Luke Barker	New York.
Improvement in the plough	14	Joseph Woolley	Troy, New York.
Improvement in the machine for heading nails and tacks	19	Lemuel Bolles	New York.
Improv't in the flax and hemp dressing machine	19	Naman Goodsall	Paris, New York.
Improvement in the current mill	25	George H. D. Gray	Southampton, Virginia.
Improvement in the manufacture of sleigh shoes	1	Seneca Pettee	Salisbury, Connecticut.
Improv't in the elastic or spring carriage seat	2	Jonathan Nichols	Providence, Rhode Island.
Improv't in the machine for floating vessels, etc.	3	John Denny	Queen Ann co. Maryland.
Improvement in the manufacture of glue	3	John H. Mark	Philadelphia.
Improvement in the churn	4	Samuel Clark	Morris co. New Jersey.
Improv't in the mode of hanging window sashes	15	Francis Follet	Pittsburgh, Virginia.
Improvement in the washing machine	15	David Watson	Fayette, Kenneb'k co. Me.
Improvement in the bedstead	17	Peregrine Williamson	Baltimore.
Improvement in the still	17	Baltazar I. Kallenback	Philadelphia.
Improvement in the machinery for cooper's work	23	Horace Wright	Onondago, N. York.
Improvement in the stove for burning Lehigh coal	24	Philip S. Mingle	Philadelphia.
Improvement in the construction for setting saws	28	Joseph Beach	Middletown, Con.
Imp't in the art of making cast or wrought steel	30	Horatio Gates Spafford	Albany, N. Y.
Imp't in the art of making iron and steel	30	Horatio Gates Spafford	do.
Improvement in fire arms	31	Albert Holcomb	Litchfield, N. Y.
Improvement in the foot stove	Nov. 4	Julia Plantou	Philadelphia.
Imp't in the kiln for drying all kinds of grain	7	Robert Andrews	Fleming county, Ken.
Improvement in the sounding boards for pianos	14	James Stewart	Boston.
Improvement in the plough	16	Peter J. Clute	Schenectady, N. Y.
Improvement in the method of raising water	16	Social Rolph	Albany, N. Y.
Improvement in the apparatus for distilling	18	Uriah Swetland	Kingston, Penn.

List of Patents—Continued.

Inventions.	When Issued.	Names of the Patentees.	Residence.
Improvement in the flumes for mills -	1822.		
Imp't in the machine for moulding bricks -	Nov. 19	Asa Messer	Providence, R. I.
Improvement in the construction of locks -	23	Honore Mane	Point Coupee, Louisiana.
Improvement in the construction of a machine for cleaning unrotted or rotted flax or hemp -	28	Ebenezer Leman, jr.	Boston.
Improvement in the saw setter -	29	William Cumberland	New York.
Improvement in planking vessels by hooking or jogging the planks -	2	David C. Jordan	New York.
Improvement in the threshing machine -	2	John Thomas	Washington, D. C.
Improvement in the machine for shearing cloth -	3	Timothy Howe	Turner, Maine.
Imp't in the inclined horse and water wheel -	4	Ezekiel Heald	Norridgework, Maine.
	6	Lee Wheeler & Timothy Powell	
Improvement in the cast iron plough -	7	Jacob J. Schoonmaker & Jacob Dolson	Coxsackie, New York.
		John Bicknell	the former of Ulster and the latter of Dutchess, N. Y.
Improvement in the mode of grinding grain -	11	Cadwalder D. Colden	Buckfield, Maine.
Improvement in the mode of making salt -	14	Thomas Williams	New York.
Improv't in the machine for covering corn, etc.	19	Horatio Gates Spafford	Pittsylvania, Virginia.
Improvement in the art of making edge tools -	19	Rufus Grandy	Troy, N. Y.
Improvement in the saw-setter -	21	Joseph C. Tucker and Elisha Dwelle	New York.
Improvement in the hydrometer -	23		Boston, Mass.

Improvement in the making and application of combustible gas	27	William Garnet	New York.
Improvement in lamps for light-houses, etc.	28	Christian Cornelius	Philadelphia
Improvement in making boots and shoes water proof	28	Arnold Buffum	Smithfield, Rhode Island.
Improvement in the machinery for manufacturing shingles	28	William Earl	Boston.
Improvement in the machinery of wind mills	31	John Gue	Waterford, Saratoga co. New York.

18th CONGRESS, }
1st Session. }

LETTER

FROM

THE SECRETARY OF STATE,

ACCOMPANIED WITH

A REPORT OF THE NAMES OF PERSONS

TO WHOM

Patents have been Granted,

FOR

NEW AND USEFUL INVENTIONS

DURING THE YEAR 1823.

JANUARY 7, 1824.

Read, and ordered to lie upon the table.

WASHINGTON :

PRINTED BY GALE & SEATON

1824.

DEPARTMENT OF STATE,

1st January, 1824.

SIR: In pursuance of the resolution of the House of Representatives of the United States, dated the 13th of January, 1812, I have the honor of transmitting a list of the names of persons who have invented any new or useful art, machine, manufacture, or composition of matter, or any improvement thereon, and to whom patents have been issued for the same, from this office, from the 1st day of January, 1823, to the 1st day of January, 1824, with the dates and general objects of such patents: and, also, the residence of the patentees, as far as they could be ascertained.

I have the honor to be, sir,

With the greatest respect,

Your obedient servant, &c.

JOHN QUINCY ADAMS.

To the Hon. the SPEAKER,

of the House of Representatives, U. S.

A LIST OF PATENTS for the Year ending on the 1st January, 1824.

Inventions.	When Issued.	Names of Patentees.	Residence.
	1823.		
Improvement in making casks	Jan. 8	Uri Emmons	Green county, N. York.
Improvement in mills for breaking the chaff and hulling clover seed, &c.	9	John Bolton	Warren. Herkimer co. New York.
Improvement in vertical water wheel	10	John Maze	Green Brier co. Va.
Improvement in making still worms	11	Chester Cook	Paris, Oneida co. N. Y.
Improvement in making bricks by pressing	11	Samuel Briggs	Saleni, Massachusetts.
Improvement in machine for cleaning grass seeds	11	Howland Child	Canton, Oxford co. Me.
Improvement in machine for cleaning clover seed, thrashing, and cleaning grain, &c.	14	Nat. Mills & Isaac Rogers	Bath. Grafton co. N. H.
Improvement in distilling by steam	14	Elias Geilhausen	Halifax township, Dauphin county, Penn.
Impt't in machine for dressing hemp and flax	18	James Macdonald	New York.
Improvement in thrashing machine	21	Gideon Reynolds	Do.
Improvement in cotton roving machine	21	Aza Arnold	North Providence, R. I.
Improving windmill	24	Jesse Mollineux	N. Hempstead, Queen's county, N. York.
Improving machine for sawing stone, &c.	24	Nathaniel Holmes	Barnstable, Mass.
Improvement in medicine	28	Samuel Thompson	Boston, Mass.
Improvement in mode of finishing scythes	31	Charles McNameara	Northbridge, Worcester co. Mass.

List of Patents—Continued.

Inventions.	When Issued.	Names of Patentees.	Residence.
	1823.		
Impr't in elastic spring girth and saddle tree -	Feb. 1	Peter Harry -	Harrisonburg, Rocking- ham co. Va.
Improvement in stoves -	3	John Tasker -	Philadelphia.
Impr't in machine for dressing flax and hemp -	3	Jos. Hines and Wm. Bain	Columbus, Ohio.
Improvement in machine for spinning cotton yarn	6	Elisha Fuller -	Attleborough, Bristol co. Mass.
Improvement in chain lanyards -	6	Robert Rogers -	Dover, Strafford county, New Hampshire.
Improvement in the water wheel -	8	Adolphus Allen -	Troy, Bradford co. Pa.
Improvement in tanning -	10	Leonard Jacobs -	Missouri.
Improvement in universal seed cleaner -	10	David S. Buck -	Hurley, Ulster co. N. Y.
Improvement in machine for thrashing grain and cleaning flax -	12	John Carll -	New York.
Improvement in making carpeting, ingrain -	12	William A. Prince -	Do.
Impr't in raising water by successive pumps -	15	Littleberry H. Mosby -	Powhatan co. Virginia.
Impr't in weaving grass for making hats, &c. -	16	Lucy Burnap -	Merrimack, N. H.
Improvement in rotary steam engine -	19	Dudley L. Farnam -	Albany New York.
Improvement in distilling -	19	Malcolm McDonald -	Fayette co. Penn.
Impr't in machinery for navigating rivers, &c. -	22	Joseph Godley -	Alexandria, Huntingdon co. New Jersey.
Improvement in plough	25	Ryland Rhodes -	Albemarle co. Virginia.

List of Patents—Continued.

Inventions.	When Issued.	Names of Patentees.	Residence.
	1823.		
Improvement in mode of making stove pipes	April 5	Caleb Jones	Burlington, Vermont. Troy, New York.
Improvement in scraps and bars of iron converted into cast steel	10	Samuel Collins	New York.
Improvement in percussion guns and pistols	12	Joseph Finch	New York.
Improvement in cornsheller	15	William E. Sheffield	Trenton, New Jersey.
Improvement in thrashing machine	15	Pierson Reading	Canillus, Onandaga county, New York.
Improvement in making pails, &c.	25	Amos Miner	Dryden, Tompkins, co. N. Y.
Improvement in thrashing machine	30	Joseph R. Miller	Stevenson, Rensselaer co. New York.
Improvement in machinery for propelling boats	May 1	Junia Chittenden and A. W. Delano	Livermore, Oxford co. Me. Philadelphia.
Improvement in machine for dressing mill-stones	6	Leonard Norcross	Lebanon, Madison co. N. Y.
Improvement in piston and valve cock	6	John Lacey	Watertown, New York.
Improvement in forcing pump	6	John Paddleford	Kecene, New Hampshire.
Improvement in construction of mail stages, &c.	8	Daniel W. Eames	Washington, D. C.
Improvement in easy chair	8	Joseph D. Finney	Do.
Improvement in plough for listing and preparing land	8	John Weaver	New York.
Improvement in propelling boats by a step wheel	9	Flav. Waterman, sd	
Improvement in tin-plated lead-pipes for stills, &c.	9	Thomas Ewbank	

Improvement in construction of the bee-hive -
 Improvement in machine for scraping chimneys -
 Improvement in fire-fender -
 Improvement in letter press for proofs, &c. -
 Improvement in wooden wheel'd clocks -
 Improvement in machine for moving the sick -
 Improvement in machine for pressing bricks -
 Improvement in treadle machine for do. -
 Improvement in saddle trees -
 Improvement in making tuned sheet lead -
 Improvement in plough -
 Improvement in saws and grates for cotton gins -
 Improvement in construction of cotton gins -
 Improvement in making four-tined forks -
 Imp't in wheel to prevent chains, &c. from slipping -
 Improvement in telegraph -
 Improvement in fire engine and water pump -
 Improvement in making wagons, &c. -
 Improvement in manufacturing cotton -
 Improvement in destroying bed bugs -
 Improvement in the cultivator -
 Improvement in portable condensing lamp -
 Improvement in navigating and ferrying rivers -
 Improvement in mode of fencing grounds -

May	14	Simon C. Williams	Shenandoah co. Virginia.
	15	Mathew Benson	Cincinnati, Ohio.
	19	Do.	Do.
	19	Adam Ramago	Philadelphia.
	26	Eli Terry	Plymouth, Connecticut.
	29	John C. Jenckes	Providence, R. I.
	29	Briggs R. Reed	Danvers, Essex co. Mass.
	29	Do.	Do.
	28	Christopher Kurtz	Lancaster, Penn.
	30	Thomas Ewbank	New York.
	3	George Nixon	Do.
June	12	Eleazar Carver, jr.	Bridgewater, Plymouth co. Massachusetts.
	13	Do.	Do.
	13	Granville Martin	Waterbury, New Haven co. Connecticut.
	17	James Cooper	Augusta county, Va.
	18	James M. Elford	Charleston, S. Carolina.
	20	Eliphalet Williams & J. Collins	Falley & roads, Mass.
	20	Sherman Blair	New Haven, Con.
	20	John T. Sharrock	Winchester, Virginia.
	20	Richard Sealy	New York.
	21	Stephen Hubbard & Joseph Graves	Wilmington, Vermont.
	25	Thomas Philipps	New York.
	25	Edward Clark	Philadelphia.
July	3	Othello Church	Town of Friendship, Allegany.

List of Patents—Continued.

Inventions.	When Issued.	Names of Patentees.	Residence.
Imp't in new mode of applying mechanical powers	1823.		
Improv't in machinery for making window sash	July 9	Lorin Butts	Canterbury, Windham co. Connecticut
Improvement in the mode of keeping tally	9	Amos Miner	Elbridge, Onandaga county, New York.
Improvement in making stop cocks	12	Wm. A. Turner	Plymouth, N. C.
Improvement in the plough	12	Gaius Fenn	New York.
Improvement in the rotary steam engine	16	David Hitchcock	New York.
Improvement in making fire proof bricks	16	James Thomson	Pittsburgh, Penn.
Improvement in thrashing machine	21	Timothy Caldwell	Philadelphia
Imp't in loading the boring for blasting rocks	22	William Kirk	Baltimore.
Improvement in pin machines	22	Ephraim Gilbert	Rochester, Monroe co. N. Y.
Improvement in making hay, dung forks, &c.	23	Henry Weston	Philadelphia.
Imp't in construction of four wheeled carriages	23	Christian Lawrence	Chatham, Columbia co. N. Y.
Improvement in making hoes	24	John B. Swan	Albany, New York.
	26	Joseph Watson	New Canaan, Fairfield co. Connecticut.
Improvement in cutters and points for ploughs	29	D. H. Jones & W. F. Richardson	Palmyra, New-York.
Imp't in making elastic spring cushions, &c.	Aug. 1	Sherman Blair	New Haven, Connecticut.
Improvement in machine for making bricks	7	John Menefee	Landry Parish, Louisiana.

Improvement in spring saddle tree	-	8	J. & Wm. Dinwiddie	Concord Post Office, Campbell county, Virginia.
Improvement in temples for cloth looms	-	8	John Bazin, Jr.	Canton, Norfolk co. Mass.
Imp't in converting rectilineal into a rotary motion	-	9	John Y. Savage	Raleigh, N. C.
Improvement in washing machine	-	12	Isaac Leavitt	Turner, Oxford co. Maine.
Improvement in mode of using circular saws	-	13	John Brown	Boston, Mass.
Improvement in chimney fire extinguisher	-	21	Daniel Berrien	New York.
Improvement in self-sharpening plough	-	26	Waldron Beach	Philadelphia.
Improvement in construction of the steam carriage	-	29	Lewis Bigelow	Petersham, Mass.
Improvement in rotary motion obtained from a rectilineal one	-	30	Archibald Smith	Rhinebeck, Dutchess co. N. Y.
Improvement in machinery for ruling paper	-	4	Richard Willcox	New York.
Improvement in thrashing machine	-	6	Charles Smith	New York.
Improvement in machine for extracting flaxseed	-	9	Asa Hook	Searsport, Hancock county, Maine.
Improvement in forcing and suction pump	-	11	Joshua Clark	Westminster, Windham co. Vermont.
Improvement in the stove for burning stone coal	-	11	George J. Fougerey	Philadelphia.
Improvement in thrashing machine	-	18	Archibald Douglass	Marcellus, Onondaga county New York.
Improvement to prevent forgeries	-	19	Richard Willcox	New York.
Improvement in common stove	-	22	Louis Goujon	Philadelphia.
Improvement in fanning mills	-	22	David Neefus	Flat Lands, King's county, Long Island, N. Y.
Improvement in machine for cutting corn stalks	-	25	Andrew Glendenning	Butler county, Penn.
Improvement in washing machine	-	25	Do.	Do.
Improvement in universal boiler	-	25	Do.	Do.
Improvement in construction of circular saws	-	26	Silvenus Bonnel	Chatham, Morris co. N. J.

List of Patents—Continued.

Inventions.	When Issued.	Names of Patentees.	Residence.
Improvement in mode of grinding grain	1823.	B. & J. C. Langdon	Troy, N. York.
Improvement in making crucibles	Sept. 26	J. Trash	Watervliet, Albany, N. Y.
Improvement in water power by a spiral wheel	26	James Dalliba	Jefferson, county, Missouri.
Improvement in making salt, pot & pearl ash, &c.	29	Abner Vansants	Do.
Improvement in spinning cotton	29	Do.	Mill Creek, Davidson co. Tenn.
Improvement in cast iron grist mill spindle	30	Wm. Bryant	Athens, Bradford co. Penn.
Improvement in mode of procuring tanin	Oct. 1	Wanton Rice	Cincinnati, Ohio.
Improvement in carding and spinning wool	3	D. Roe, C. F. Kellogg, J. W. Gazlay	Paris, Oneida county, N. Y.
Improvement in tanning	15	Philo C. Curtis	Trenton, New Jersey.
Improvement in construction of lottery schemes	15	Joshua Galbraith	Philadelphia.
Improvement in pneumo hydraulic engines	18	Joseph Vannini	New York.
Improvement in mode of cutting out cloths	Nov. 1	Richard Willcox	Philadelphia.
Improvement in internal navigation	6	Ethan Campbell	New York.
Improvement in the mode of warming beds	7	James Renwick	Baltimore.
Improvement in process of converting iron into steel	11	Peter Lannay	New Brunswick, N. J.
Improvement in coloring hats, &c.	20	Eleazer L. Losey	Danbury, Connecticut.
Improvement in moccasins	20	Joel Taylor	New York.
	23	Alfred Tillotson	

Improvement in scouring and cleaning grain	Nov. 24	John Litzenger	Philadelphia.
Improvement in pyroligneous oil and acid used in tanning	24	Horace H. Hayden	Baltimore.
Improvement in saving water in canal locks	27	Jonas P. Fairlamb	Wilmington, Delaware.
Improvement in wheel used in machinery instead of the crank	25	James Stedwell, 3d	Carmel, Putnam, co. N. Y.
Improvement in shears with curved edges	27	Samuel Fry	New York.
Improvement in fulling cloth	4	M. W. Northrup & R. R. Dillon	Newton, Sussex co. N. J.
Improv't in breaking and dressing flax and hemp	4	Frederick Cox	Somerville, Somerset county, New Jersey.
Improvement in straw cutting machine	6	John Osborn	Blandford, Hampden county, Massachusetts.
Improvement in harrow teeth	8	Wm. M'Conaughy	New Garden, Chester co. Pennsylvania.
Improvement in fids for the masts of ships	10	Benjamin Rotch	Bristol, Great Britain.
Improvement in cooking stove	13	John Conant	Brandon, Rutland co. Vt.
Improvement in construction of hydrants	13	Thomas Gibson	Philadelphia.
Improvement in steam rice mills	16	John L. Norton	Charleston, S. C.
Improvement in cocks for drawing liquids	17	Eli Dickinson	Amherst, Massachusetts.
Improvement in hydrants	19	James Ewing	Philadelphia.
Improvement in iron water wheel	20	P. J. Schuyler, E. & D. Hitchcock	Still Water, Saratoga co. New York.
Improvement in rectangular protractor	24	Nathaniel Goodwin	Hartford, Conn.
Improvement in steam generator	24	H. Betts and J. A. M'Lean	Norwalk, Connecticut.
Improvement in machine for making shingles	29	Manassah Andrews	Livermore, Oxford co. Me.
Improv't in machine for pulverizing drugs, &c.	31	Isaac Eddy	Boston, Massachusetts.

18th CONGRESS,
2d Session.

LETTER

FROM THE

SECRETARY OF STATE,

TRANSMITTING

A LIST OF THE NAMES OF PERSONS

TO WHOM

Patents have been Issued,

FOR THE

Invention of any New or Useful Art,

OR

MACHINE, MANUFACTURE, OR COMPOSITION OF MATTER,

OR

Any Improvement thereon,

From January 1st, 1824, to January 1st, 1825.

JANUARY 3, 1825.

Read, and ordered that it lie upon the table.

WASHINGTON:

PRINTED BY GALE & SEATON.

1825.

DEPARTMENT OF STATE,

January 1, 1824.

SIR: In pursuance of a Resolution of the House of Representatives of the United States, dated the 13th January, 1812, I have the honor to transmit a list of the names of persons who have invented any new or useful art, or machine, manufacture, or composition of matter, or any improvement thereon; and to whom patents have been issued for the same, from this office, from the 31st day of December, 1823, to the 1st day of January, 1825, with the dates and general objects of such patents; and, also, the residence of the patentees, as far as they could be ascertained.

JOHN QUINCY ADAMS.

Hon. HENRY CLAY,

Speaker of the House of Representatives.

A LIST OF PATENTS for the year ending on the 1st January, 1825.

Inventions.	When Issued.	Inventors' Names.	Residence.
	1824.		
Improvement in the construction of Guns	Jan. 10	Alexander Boyden	Newark, N. J.
Do Threshing Machine	12	Andrew Noble	Alfred, York co. Me.
Do making Boots and Shoes	12	Ebenezer Martin	Salem, N. J.
Do constructing Rafts	18	Henry Babb	West Brook Cumber-
Do Vibrating Rolling Machine for			land county, Me.
Do cotton or wool	14	Jesse Hopkins	Strasburgh, Penn.
Do Throstle Cotton Spinner	17	Benjamin Brundred	Mamaroneck, W. Chcs-
Do preserving the Nozzle of Bellows			ter county, N. Y.
Do from burning	20	James Dodge, jun.	St. Albans, Ver.
Do Apparatus used in Brewings	27	Richd. L. Lloyd & A. Par-	Philadelphia.
Do Extender	27	tenheimer	North Yarmouth, Me.
Do		Asa Bisbee	
Do Columbian Stove	26	Joshua Talcott and Jona	Smyrna, Chenango coun-
Do Machine for dressing flax & hemp		M'Culloch	ty, N. Y.
Do Cast iron Plough, with a double	28	Benjamin Lewis	Ligonía, Me.
Do pointed wing	29	William C. Pancost	Addison. Ver.
Do Distilling	29	I. Carpenter & J. Roe	New York.

List of Patents—Continued.

Inventions.	When Issued.	Inventers' Names.	Residence.
Improvement in the Cotton Scraper	1824.		
Do Machine for shearing Cloth	Feb. 3	Horatio Starke	Wilkinson co. Miss.
	7	Beriah Swift	Washington, Dutchess county, N. Y.
Do Spiral spring Truss for Ruptures	7	Joseph Far	Manlius, Onondago county, N. Y.
Do burning Bricks	7	Robert Crutchfield	Botetourt co. Va.
Do Machine for making Bricks	11	Seth Lewis	Louisiana.
Do Preventive for the decay of Human Teeth	11	Horace H. Hayden	Baltimore.
Do Windlass Bedstead	16	Leonard Foster	Boston.
Do Machine for mak'g Brush Blocks	25	Stacy Costill	Philadelphia.
Do Plough, patented by Jethro Wood	27	Solomon Austin	Sempronius, Cayuga co. N. Y.
Do Household Spinning Wheel for wool	27	Gilbert Brewster	Norwich, Conn.
Do Spinning Wheel	28	Charles F. Schaffle	Lewisburg, Union co. Pa.
Do Gas Engine, without steam	2	Samuel Brown	London. England.
Do making fine and coarse salt	2	Joseph P. Rossiter,	Salina, Onondaga co. N. Y.
Do Frame for finish'g Ladies' Dresses	3	James R. Williams	Baltimore,
Do Machine for thrashing and winnowing grain	6	Edmund Warren	Augusta, Me.

Do	Fur Blower	-	9	William Barker Rotch	-	New Bedford, Mass.
Do	Horizontal Fire Engine	-	11	Luther Holland	-	Belchestown, Mass.
Do	Process of manufacturing cotton	-	12	Elisha Congdon	-	Norwich, Conn.
Do	making Franklin and Cooking Stoves	-	13	James Wilson	-	New York.
Do	mak'g the spindle of the Throstle	-	13	Gilbert Brewster	-	Norwich, Conn.
Do	Method of receiving rolls of wool from the Machine	-	13	Ditto	-	Ditto.
Do	spinning wool by a continued ro- tary motion	-	13	Ditto	-	Ditto.
Do	Copper Bolts, for ship building	-	15	Berg & Ivers	-	New York.
Do	Machine, for grinding paints, drugs, &c.	-	19	Isaac Eddy	-	Boston.
Do	Bookbinders' Cutting Presses	-	23	John J. Wells	-	Hartford, Conn.
Do	Boiler, for Steam Engines	-	25	Ralph Bulkley	-	New York.
Do	Turning Lathe	-	30	Cotton White & Alban Hill	-	Hadley Mass.
Do	Machine for steaming and hard- ening Hats	-	2	Nirum Willman	-	Danbury, Conn.
Do	Spring Lancel	-	2	Jeremiah Dewey	-	Chelsea, Ver.
Do	Wheel, for spinning wool	-	2	Guy Brooks	-	Athol. Warren co. N. Y.
Do	Wheel Carriages	-	6	Bernard J. Malfeson	-	Burlington, N. J.
Do	Safety Steam Boiler	-	8	Ralph Bulkley	-	New York.
Do	Corn Shelling Machine	-	9	Lemuel Peek	-	Brookfield, Conn.
Do	Self-sharpening Plough	-	9	Waldren Beach	-	Philadelphia.
Do	making Pad Caps, Blinds, &c. for horses	-	10	Seth Boyden	-	Hewark, N. J.
Do	Horse and Oxen Shoes	-	10	Peter Sternberg	-	Danube, Herkimer coun- ty, N. Y.

Inventions.	When Issued.	Inventors' Names.	Residence.
Improvement in the Sliding geared Water Wheel	1824. April 12	Sylvanus Guernsey	Fenner, Madison county, N. Y. New Haven, Conn. Newton township, N. J. New York. Boston. New York. Cincinnati, Ohio. Cayuga county, N. Y. New York. Sempronius, Cayuga co. N. Y. Cincinnati, Ohio. New York. Portsmouth, R. I. Templeton, Mass. Baltimore. Richmond, Va. Georgetown, Ohio.
		Martin Stevens	
		Thomas Altason	
		Richard Wilcox	
		Daniel Johnson	
		William T. James	
		Jno. Keller & Sam. J. Burt	
		Jonathan Swan	
		Ralph Bulkley	
		Solomon Morse	
		Royal N. Powers	
		Ralph Bulkley	
		John Babcock	
Do	May 1	James Sawyer	
		William Hollins	
		Peter Laporte	
		Franklin Shaler	
		John Babcock	
		James Sawyer	
Do	May 4	William Hollins	
		Peter Laporte	
		Franklin Shaler	
		John Babcock	
Do	May 4	James Sawyer	
		William Hollins	
		Peter Laporte	
		Franklin Shaler	
Do	May 5	John Babcock	
		James Sawyer	
		William Hollins	
		Peter Laporte	
Do	May 5	Franklin Shaler	
		John Babcock	
		James Sawyer	
		William Hollins	
Do	May 5	Peter Laporte	
		Franklin Shaler	
		John Babcock	
		James Sawyer	

Do	preventing the rot, and other diseases, in the cotton plant	6	Samuel W. Pomeroy	-	Brighton, Mass.
Do	Machine, for cleaning clover seed	6	Isaac H. Haskins	-	Columbia, N. Y.
Do	do for dressing flax & hemp	11	Erastus Kellogg	-	Palmyra, N. X.
Do	Accelerating wheel head	17	Diana H. Tuttle	-	Williamson, Wayne co. N. Y.
Do	Cast Iron Plough	11	Ross Winans	-	Vernon, Sussex co. N. Y.
Do	Inclined Horse wheel	14	John Bradford	-	Lexington, K.
Do	Machine, for making wrought nails	18	Leonard Norcross	-	Livermore, Me.
Do	Lever power, crossing or collapsing	19	William Scarbrough	-	Darien, Ga.
Do	planking vessels	19	Ditto	-	Ditto.
Do	Machine for bulling grain	21	William J. Hart	-	Talmadge, Ohio.
Do	construction of Rudders for vessels	21	Andrew Watkins	-	Salem, Mass.
Do	Machine, for cutting straws	24	Robert J. Steele	-	Richmond co. N. C.
Do	Machine, for shelling corn	25	Chauncey Bulkeley	-	Manchester, Ver.
Do	Cast Iron Steam Boiler	27	John R. Averill	-	Manchester, Ontario co. N. Y.
Do	Hoe Harrow	June 1	Aquilla Newbern	-	Bristol township, Pa.
Do	Machinery, for spinning cotton	2	William Haworth	-	Providence township, Pa.
Do	Carriage of the Mule, for spinning cotton	2	Ditto	-	Ditto.
Do	Horizontal double rotary Machine	5	William C. Sullivan	-	Jefferson co. Inda.
Do	Construction of Rail Road	8	John Stevens	-	Hoboken N. J.
Do	rendering rapids and shallow rivers navigable	8	Ditto	-	Ditto.

Inventions.	When Issued.	Inventors' Names.	Residence.
	1824.		
Improvement in the mode of generating steam	June 9	David B. Lee	Philadelphia.
Do Machine for cutting straw and hay	10	Major McDonald	-
Do Self-feeding Nail Machine	17	Thomas Morgan	Topsbam, Me.
Do Carriage hub, or Gig band	18	Christian Cornelius	Paterson, N. J.
Do Double Side Saddle	19	Hugh M. Rose	Philadelphia.
Do breaking and swinging flax and hemp, &c.	22	William C. Davison	Lexington, K.
Do Atmospheric Engine	22	Ebenezer Prentiss & John Prentiss	Pittsford, N. Y.
Do Carriage Springs	23	Lemuel H. Parsons	Baltimore.
Do Washing Machine	24	Ebenezer Dewey	Stockbridge, Mass.
Do Machine, for forming the rolls of cotton, &c.	25	Calvin Whiting, S. Lowder & Samuel Lowder	Butternuts, Otsego co. N. Y.
Do Loom, for weaving	25	C. Whiting, J. Goulding, & W. Janes	Dedham, Mass.
Do Sliding Joint, for the backs of Settees, &c.	25	Isaiah Jennings	Ditto.
Do Windlass Bedstead	25	Leonard Foster	New York.
Do making Razors	28	John Brown	Boston, * Providence, R. I.

Do	Horizontal Spinner	-	July	3	C. Merrill, C. Batchellor, S. King, jun.	Lowville, N. Y.
Do	Umbrella	-		3	William Gamble	Washington, D. C.
Do	Horse Scythe	-		3	John A. Wadsworth	Portsmouth, R. Island.
Do	Mode of Watering Cattle	-		10	Adolphus Allen	Troy, Pa.
Do	Mode of preventing Forgeries on Banks	-		12	Nathaniel Sylvester	New York.
Do	Constructing Balances	-		13	David Rogers	Auburn, N. Y.
Do	Construction of Bedsteads	-		14	Obadiah R. Herbert	Mount Pleasant, N. J.
Do	Retreating Spring Lancet	-		16	Thomas R. Williams	Newport, R. Island.
Do	Medicine for Scrofula, Rheuma- tism, &c.	-		16	Gideon Jaques	Wilmington, Delaware.
Do	Trigonometer	-		17	William Bolles	Griswold, Connecticut.
Do	making carbonated sarsaparilla mead	-		19	John S. Schieffelin,	New York.
Do	Machine for thrashing grain and breaking flax and hemp	-		20	Gideon Reynolds,	Ditto.
Do	Auger for boring post holes	-		26	Christopher Hoxie,	Hudson, N. Y.
Do	Diving Suit	-		25	Wm. C. Davison and Dan iel Clark,	Pittsford, Monroe co. N. Y.
Do	Revolving Hay Rake	-		26	Henry Hoopes and Ezra Hoopes	Wilmington, Del.
Do	Curing smokey Chimneys	-		25	Samuel Chase,	Williamsport, Penn.
Do	Crimping boots and shoes	-		27	Ebenezer G. Pomeroy.	Lancaster, Fairfield co. Ohio.
Do	Longitudinal bar in the Piano Forte	-		29	John Dwight,	Boston.
Do	Rotary Steam Engine	-		29	Anthony Cooley,	LeRoy, Genessee co. N. Y.
Do	Cast Iron Plough	-	August	4	D. Chase, Ab. Gregg, and J. Gregg,	Palmyra, Wayne co. N. Y.

List of Patents—Continued.

Inventions.	When Issued.		Inventors' Names.	Residence.
	1824.			
Do Smut Machine - - -	Aug. 12		Phineas Pettis, -	Tallmadge, Portage co. Ohio.
Do Fanning Mill - - -	13		Leinuel Peck, -	Brookfield, Connecticut.
Do Machine for roping and spinning wool and cotton - -	16		Z. Knox and Willis Hoskins, -	Lowville, Lewis co. N. Y.
Do Running gear for the cotton gin and corn Mill - -	16		Brittain Huckaby, -	Huntsville, Madison co. Alabama.
Do Construction of Trusses for Ruptures - - -	19		Amos G. Hull, -	New York.
Do Portable two horse engine - -	21		Benjamin F. Joslin, -	Schenectady, N. Y.
Do Machine for cutting straw, hay &c.	25		Noah Safford, -	Springfield, Windsor co. Vermont.
Do Dyeing Hats - - -	27		Israel Taylor, -	Trenton, N. J.
Do Tanning - - -	27		Joseph Wampler, and G. Matthews, -	Steubenville, Ohio.
Do Wagons or carts for removing earth - - -	27		John Owings, -	Baltimore.
Do Leather Trunks - - -	28		Robert C. Martin, -	Philadelphia.
Do Substitute for the flyer in spinning	28		O. G. Rogers, and N. Rogers, -	Whitestown, Oneida co. New York.
Do Counter twisting speeder	Sep. 2		George Danforth, -	Norton, Mass.

Do	Domestic spinning Machine	-	Sep.	3	Elias Wood,	-	Lowville, New York.
Do	Mode of making saw plates	-	8	8	James Cloud,	-	Chester, Delaware co. Pa.
Do	Manufacturing paper	-	8	8	Isaac Burbank,	-	Worcester, Mass.
Do	Washing Machine	-	9	9	Andrew Glendening,	-	Loudon County, Va.
Do	Machine for cutting Apples	-	9	9	Ditto.	-	Ditto.
Do	Machine for killing flies	-	9	9	Ditto.	-	Ditto.
Do	Machine for making sausages	-	9	9	Ditto.	-	Ditto.
Do	Machine for making foot mill	-	13	13	Samuel Fowks,	-	Catskill, N. Y.
Do	Mode of producing steam for Engines	-	13	13	Joseph Buchanan,	-	Lexington, Ky.
Do	Construction of wheel barrows	-	13	13	Nathan Tufts 2d,	-	Charlestown, Mass.
Do	Applying steam boilers to hatters	-	16	16	Hubert V. Raymond,	-	New York.
Do	Grates	-	17	17	David Henderson,	-	Jersey City, N. J.
Do	Lithography	-	24	24	Preserved Fish,	-	New York.
Do	Making trusses for hanging the yards of ships	-	25	25	James Wallace,	-	Columbia, S. C.
Do	Crank wheel motion	-	29	29	Stephen T. Conn,	-	Washington, D. C.
Do	Generating and applying steam	-	29	29	Abram Patterson, and Frs. Burdick.	-	Delaware co. N. Y.
Do	Machine for roping and spinning wool and cotton	-	5	5	J. A. Wadsworth and Eliz Wadsworth,	-	Portsmouth, R. I.
Do	Doublestitched selvage	-	5	5	Francis Price,	-	New York.
Do	Wool and cotton spinner	-	6	6	Ross B. Richardson,	-	Philadelphia.
Do	Construction of saws for cutting Veneers	-	8	8	Joseph L. Lewis,	-	New York.
Do	Casting ornamental borders	-	9	9	Neale H. Shaw,	-	[ry's, Md.
Do	Method of propelling an inclined wheel	-				-	Charlotte Hall, St. Ma-

List of Patents—Continued.

Inventions.	When Issued.	Inventor's Names.	Residence.
1824.			
Do.	Oct. 11	Thomas B. Smith,	Troy, N. Y.
Do	15	John Bruce,	Springfield, Mass.
Do	21	Nathaniel Briggs,	New York.
Do	21	Almorán Holmes,	Boston.
Do	23	John Stevens,	Hoboken, N. J.
Do	5	Reynolds Gillman,	New York.
Do	9	Henry Hopkins and Jacob Pratt,	Pompey, N. Y.
Do	9	James Bachelder,	Lancaster, N. H.
Do	13	Lewis Whitney,	New York.
Do	13	Lafford Totten,	Schoharie, N. Y.
Do	17	John Gilbert,	Le Roy, N. Y.
Do	17	Sydney Whiting,	Franklin, Mass.
Do	20	William Dabney,	Richmond, Va.

Do	Revolving hay & grain horse Rake	23	Moses Pennoch, -	Kennett Square Ches- ter co. Pa.
Do	Machinery for dressing flax and hemp -	26	Franklin Kellsey,	Middletown, Con.
Do	Machine for shaving and listing staves, &c. -	26	Daniel North and Horace Naramor, -	Caledonia, Livingston [N. Y.
Do	in the machines for dressing flax and hemp -	27	T. S. Barnum and A. Bar- num, -	New York.
Do	Mode of obtaining Oil from the poppy seed -	2	Daniel Markham.	New York.
Do	Machine for shelling corn -	2	Benjamin Crooker,	New York.
Do	Steam Kilns -	4	George G. Moore,	New York.
Do	Preserving flour from becoming sour -	4	William Wood, Jr.	St. Clairsville, Ohio.
Do	Cutting Comb teeth -	8	Joel Brown,	Springfield, Mass.
Do	Cheese Press -	9	Joseph Pride,	Potsdam, Lawrence co.
Do	Gas Engine -	11	Maximin Isnard,	New York [N. Y.
Do	Robbin Tube, used in spinning cotton -	13	Job Manchester, -	Warwick, R. I.
Do	Construction of Cellars, vaults, Magazines, &c. -	14	Ezra Ludlow,	New York.
Do	Washing Machine -	14	John West,	Middletown, Con.
Do	Making moccasins, &c. in moulds	15	John J. Staples and Wm. H. Corneli, -	New York.
Do	Mode of generating and conden- sing steam -	16	Benjamin F. Joslin,	Schenectady, N. Y.
Do	Making Bricks by pressure -	17	David Flagg, Jr.	Gardiner, Kennebec, Me.
Do	Cloth shearing Machine -	17	William Hovey, -	Worcester, Mass.

Inventions.	When Issued.	Inventors' Names.	Residence.
Improvement in the Machine for cutting the felloes of wheels - -	1824.		
Do Machine, for shelling corn - -	22	Bracket L. Greenough, -	Lebanon, N. H.
Do generating and charging liquids with gas - -	23	Alanson Little, -	Columbia, Windham co. Con.
Do Lever Truss and Sling for the yards of vessels - -	23	Joseph H. Laning, -	Davidson co. Ten.
Do Mode of manufacturing salt - -	23	Samuel Adams Wells, -	Boston, Mass.
Do Machine for shelling, riddling and fanning - -	24	Peter Cooper, -	New York.
Do Thrashing grain and clearing it from smut - -	24	Robert Humphrey, -	Waterville, Delaware co. N. Y.
Do Plough - -	24	Gershom Bostwick and H. Spenser, -	Marylandtown, Otsego co. N. Y.
Do Horizontal machine for spinning wool and cotton - -	24	James Y. Hunt, -	Turnbridge, Orange co. Ver.
Do Machine for spinning wool - -	24	Hiram Hunt and C. Brad- ish, -	Lowville, Lewis co. N. Y.
	24	D. Pool and Arronah Cope- land, -	Philadelphia.

Do	Water and Tide Wheels	-	24	T. B. Van Gaasbeck and D. Sands,	Kingston, Uster co. N. Y.
Do	Machine for rolling and cutting Crackers	-	24	Daniel Pool,	Philadelphia.
Do	Machine for transporting weights &c.	-	24	James Cornell,	Brookfield, Ver.
Do	Plough	-	25	Garland Ellington,	Madison co. Alabama.
Do	Corn Sheller	-	27	Peirson Reading,	Trenton, N. J.
Do	In the machinery for sawing clap-boards, &c.	-	28	E. Pray, E. Benjamin, and J. S. Stone,	Maine.
Do	Machinery used in distilling,	-	28	Daniel Jackson,	Peru, Clinton co. N. Y.
Do	Cylindrical stave dresser, &c.	-	29	John R. Averill,	Manchester, Ontario co. N. Y.
Do	Spinning.	-	31	Sidney Whiting,	Wrentham, Mass.

LETTER

FROM THE

SECRETARY OF STATE,

TRANSMITTING

A LIST OF THE NAMES OF THE PERSONS

TO WHOM

Patents have been Issued,

FOR THE

Invention of any New or Useful Art,

OR

MACHINE, MANUFACTURE, OR COMPOSITION OF MATTER,

OR

Any Improvement thereon;

From January 1st, 1825, to January 1st, 1826.

JANUARY 3, 1826.

Read; and ordered to lie upon the table.

WASHINGTON :

PRINTED BY GALE & SEATON.

1826.

[Doc. No. 22.]

DEPARTMENT OF STATE,

January 1, 1826.

SIR: In pursuance of the resolution of the House of Representatives of the United States, dated the 13th of January, 1812, I have the honor of transmitting a list of the names of persons who have invented any new or useful art, or machine, manufacture, or composition of matter, or any improvement thereon, and to whom patents have been issued for the same, from this office, from the first day of January, 1825, to the first day of January, 1826, with the dates and general objects of such patents; and, also, the residence of the patentees, as far as they could be ascertained.

H. CLAY.

*To the Hon. the SPEAKER of the
House of Representatives of the United States.*

A LIST OF PATENTS for the year ending on the 1st January, 1826.

Inventions, &c.	Date.	Names of Patentees.	Residence.
Improvement in the machine for hulling coffee	1825.		
Do Machine for breaking flax	Jan. 1	Roswell Abbey	New York.
Do forcing Pump	3	Peirson Reading	Trenton, New Jersey.
Do cast iron mile marks	3	Samuel Currey	Williamson, Ctv. Tenn.
Do pan and furnace for evaporating liquids	13	Wm. M. Summers	New York.
Do method of preserving animal substances	14	Augustus Kolb	Steubenville, Ohio.
Do machine for ruling paper	19	Ezra Daggett and Thos. Kensett	New York.
Do casting the boxes for carriages, carts, &c.	21	George Crosby	Augusta, Maine.
Do in Moccasins	22	Calvin Darby	Worcester, Mass.
Do being a pharmaceutic composition	25	Catharine Elliott	New York.
Do in the manufacture of salt	26	John C. Bay	Mount Pleasant, Ohio.
Do revolving hay and grain horse rake	28	Daniel Gerrard	Clay County, Kentucky.
Do Cordage, machinery for making	Feb. 8	Moses Pennoek	East Marlborough, Penn.
Do machine for thrashing and cleaning grain	8	Franklin Kellsey	Middletown, Conn.
Do Spiral spring latch, bolt, and lock	8	James Hyde	South Pembroke, N. Y.
Do condensing steam and cooling the liquor	9	Abraham Blanvelt	New Brunswick, N. J.
	9	Benjamin F. Joslin	New York.

List of Patents—Continued.

Inventions, &c.	Date.	Names of Patentees.	Residence.
Do Improvement in a sign for Lottery Offices, and other purposes - construction of chimneys and fire places - making shovels and spades - side hill plough - screening tables for separating shot machine for hulling and cleaning clover seed - being a mode of dlying nankeen - in pointing, splitting, and waxing pegs for shoes, &c. -	1825.		
	Feb. 9	Elijah Secor	New York.
	9	Lewis Kingsbury	Livonia, New York.
	10	James Wood	Philadelphia.
	10	John Rich, Jr.	Troy, New York.
Do machine for hulling and cleaning clover seed -	10	John W. Honey	Herculancum, Missouri.
	10	Benjamin Sutton	Romulus, New York.
Do being a mode of dlying nankeen - in pointing, splitting, and waxing pegs for shoes, &c. -	11	Adolphus G. Trott	New York.
	11	Thomas Rowell	Hartford. Windsor c. Vt.
Do Plough -	15	Phineas Pettis	Portage county, Ohio.
	15	George D. Avery	Georgetown, D. C.
Do making stove pipe - Floom for water wheels -	16	John Colby	Salisbury, Mass.
	16	Jabez B. Fletcher	Richm'd, Lincoln c. Mc.
Do administering medicine by means of steam - portable cooking machine -	16	Charles Whitlaw	New York.
	18	David Asher	Philadelphia.
Do Mud machine for deepening harbors, &c. -	18	J. Watchman and J. Bratt	Baltimore.

Do	Wool Carding machine	-	Feb.	18	Ez'l Hale, Jr. S. Hale, and James Hale	Haverhill, Mass.
Do	scale beams and balances	-		19	Solomon A. Rogers	Philadelphia.
Do	bedsteads	-		22	Isaac Cooper	Baltimore.
Do	Hoes	-		22	Paul Whittin	Northbridge, Mass.
Do	Lever Washing machine	-		26	Reuben Wheeler	Vergennes, Vermont.
Do	Flax dressing machine	-		28	Francis Burdick	Kortright, New York.
Do	certain grasses for making brushes, brooms, &c.	-		28	Shadrach H. Weed	New York.
Do	Windlass Bedstead	-		26	Charles Adams	Boston.
Do	drawing lotteries	-	March	3	Jacob I. Cohen	Baltimore.
Do	Bells	-		3	William Hoyt	Brookville, Indiana.
Do	carriage wheels	-		3	William Cooper	Columbia, S. Carolina.
Do	shovel for excavating earth	-		3	Thomas Pierce	Hartwick, New York.
Do	making pins	-		12	Lennuel W. Wright	Manchester, England.
Do	circular propelling levers	-		12	John Turner	Marcellus, New York.
Do	in the construction of the carding machine	-				
Do	preserving flour for exportation	-		12	Nathaniel Rider	Sturbridge, Mass.
Do	construction of rail ways	-		12	Edwin Hord & B. Brown- ing	Fleming county, Ken. Boston, Mass.
Do	machine for excavating earth	-		15	Edward Gray	Lockport, New York.
Do	water press for extracting tannin from bark	-		15	Darius Comstock	
Do	increasing the speed of vessels by a centre board	-		15	William Lowber	Philadelphia.
Do	changing the motion of machinery	-		15	Garret Fountain	Staten Island, N. York.
Do	Steam Engine, and other machinery	-		15	Otis Pettes	Newton, Mass.
Do		-		15	Isaiah Jennings	New York.

List of Patents—Continued.

Inventions, &c.	Date.	Names of Patentees	Residence.
Improvement in bedstead and bed for the sick and lame . . .	1825.		
Do elevator for pots, kettles, and other vessels . . .	March 18	Jeremiah Bailly	Philadelphia.
Do machine called the "Nephus ultra" . . .	19	John Edwards	New York.
Do Weaving Loom . . .	21	Jeremiah Bailly	Philadelphia.
Do Horizontal Water Wheel . . .	21	Roswell Wilcox	Columbus, Ohio.
Do Tanning . . .	24	Ebenezer Thomson	Manchester, New York.
Do machine for separating the seed from cotton . . .	24	Henry Bretney	Lebanon, Ohio.
Do machine for boring for water . . .	24	Jos. Leavitt, Cont. Lane, Thad. Leavitt	Sufield, Connecticut.
Do Plough . . .	24	Levi Distrow	New Brunswick, N. J.
Do Churn . . .	25	George D. Avery	Georgetown, D. C.
Do machine for lasting boots, &c. . .	25	Abiram Baird	Schoharrie, N. York.
Do machine for dressing flax . . .	25	John Edells, Jr.	Unadilla, N. York.
Do machine for scouring and fulling cloth . . .	26	William Wheeler	Warren, N. York.
Do ship's deck lights . . .	26	Horace Hickox	Rutland, New York.
Do manufacturing cotton into yarn . . .	26	George Gray	Lynn, Mass.
Do Faunling Mill for cleaning grain . . .	26	Luther Crane	Ware, Mass.
Do the Conical Spiral Spring Truss . . .	28	Enoch Walker	Springville Penn.
	31	Jesse R. Hovey	Sangerfield, New York.

Do	the Dowelling Bit, used in ship building	April	2	John Thomas	-	Washington, D. C.
Do	Vertical Spinner		4	Samuel Slater	-	Middletown, Conn.
Do	making furniture oil cloth		4	Isaac Macauley	-	Philadelphia.
Do	Musical Glasses, called the Grand Harmonicon		7	Francis H. Smith	-	Northampton, Virginia.
Do	fire places and chimneys		7	Cyrus Blood	-	Washington county, Md.
Do	Desmond's mode of obtaining the tanning principle of bark		11	Joseph Giles	-	Guilford, Vermont.
Do	mode of applying horse power to machinery		11	Benjamin Matthy	-	New York.
Do	machinery for roving cotton or wool		11	William Whitehead	-	Paterson, New Jersey.
Do	machine for cutting bark and dye woods		11	Henry Haight, Jr. and H. White	-	Stamford, Connecticut.
Do	machine for shaving leather		11	J. P. Houston and Otis Batchelder	-	Bedford, N. Hampshire.
Do	Pendulum power regulated by a fly wheel		13	W. W. M. Intosh and Wm. Barnheart	-	Aurelius, Ohio.
Do	Naval Architecture		14	John Thomas	-	Washington. D. C.
Do	construction of Bellows for furnaces. &c.		14	Henry Dotterer	-	Philadelphia.
Do	self-sharpening plough		14	Cadwallader Evans and Oliver Evans	-	Philadelphia
Do	double inclined plane for canals		15	Archibald Tanner	-	Warren, Penn.
Do	construction of furnaces for burning fossil coal		15	Daniel Stansbury	-	Belleville, New Jersey.
Do	buildings for school rooms, academies, &c.		16	S. W. Taylor and J. W. Martin	-	Lowville, New York.

List of Patents—Continued

Inventions, &c.	Date.	Names of Patentees.	Residence.
Improvement in the Churn - - -	1825. April 19	John P. Bortle -	Claverack, Columbia city New York.
Do machine for sawing the teeth in combs - - -	20	Philo Pratt -	New York.
Do machine for slitting iron, &c. -	21	Jesse Reed -	Marshallfield, Mass.
Do feeding apparatus for nails and tacks - - -	22	Do -	Do.
Do machine for cutting and heading nails and tacks - -	22	Do -	Do.
Do making yellow nankeen or buff colors - - -	28	Joseph B. Noncs -	Philadelphia.
Do machinery for splaying or flaring iron - - -	28	Noah Sutton -	New York.
Do winding machine for setting up hat bodies - - -	28	Joseph Grant -	Providence, R. I.
Do dry docks for repairing vessels -	29	Christian Bergh -	New York.
Do machinery for shelling and grind- ing corn, &c. - - -	May	Samuel Fowks -	Catskill, New York.
Do machine for shelling corn - - -		Francis Price -	New York.
Do the mode of packing cotton - -		Webb Hart -	Petersburg, Virginia.
Do construction of Astronomical clocks		Henry Miller -	East Hanover, Penn.
Do water pump - - -		Jonathan Babcock, Jr. -	Edmiston, New York.

Do	beer and cider pumps	-	6	Richard Sealy	-	New York.
Do	transportation of merchandise on a single rail	-	6	Henry Sargent	-	Boston, Mass.
Do	Plough	-	7	Stephen W. Whitman	-	Harpersfield, Ohio.
Do	constructing and drawing lotteries	-	9	Moses Davis	-	Cumberland cty Maine.
Do	Churn	-	9	Asa Humphrey	-	Gray, Maine.
Do	Lever purchase, rivet and bolt cutter	-	12	Holly Seely	-	Unadilla, New York.
Do	Raising the nap of cloth	-	12	Job. Wilkinson	-	New York.
Do	family and factory spinner	-	13	Richard Woolsey	-	Kortright, New York.
Do	distilling spirits by steam	-	13	William Avery	-	Pompey, New York.
Do	Cast Iron Mill for grinding grain	-	14	Henry Bailey	-	Hartford, Connecticut.
Do	construction of lottery schemes	-	16	John W. Tognio	-	Philadelphia.
Do	union of the cooking with the Franklin stove	-	18	Thomas Wentworth	-	Oswego, New York.
Do	Mowing machine	-	18	Ezra Cope & T. Hoopes, jr.	-	Chester county, Penn.
Do	wooden wheeled thirty hour clocks	-	18	Eli Terry	-	Plymouth, Connecticut.
Do	machine for thrashing grain and breaking flax, &c	-	19	Abner Reminton and N. Reminton	-	Genoa, New York.
Do	Rotary Steam Engine	-	20	Elisha Hale	-	Poinfret, New York.
Do	Thrashing grain and shelling corn	-	20	Pierson Reading	-	Trenton, New Jersey.
Do	Thrashing machine	-	20	Richard Holden	-	Philadelphia, Penn.
Do	calculating and drawing lotteries	-	25	William Seger	-	Bergen, New Jersey.
Do	Brown's Vertical Spinner	-	26	J. R. Wheeler & J. B. Wheeler	-	Kingsbury, New York.
Do	manufacture of wrought nails	-	26	Henry Burden	-	Troy, New York.
Do	mode of planting cotton	-	26	Christopher Ford	-	Paineville, Virginia.
Do	being a Geographical Garden	-	27	George W. Cherry	-	Derby, Connecticut.

List of Patents—Continued.

Inventions, &c.	Date.	Names of Patentees.	Residence.
Improvement in the machinery for boring and mortising -	1825.		
Do on B. Farr's improvement on Hull's patented truss -	May 28	Job. Wilkinson -	Pennfield, Monroe, county, New York.
Do in the Horizontal Water Wheel -	28	Eli M. Gibbs -	Norwich, New York.
Do machine for roping and spinning wool and cotton -	28	O. Latham, L. Beunet, and J. Green -	Oneida county, N. York.
Do in the art of cutting paper, books, &c. -	30	Francis Burdick -	Kortright, New York.
Do lighting the binnacles of ships, street lamps, &c. -	30	Joseph Woodhouse -	Otsego, New York.
Do being a machine for making thread of wood -	June 1	Joseph F. Smith -	Baltimore.
Do in the mode of lessening friction in canal boats, &c. -	1	William Bell -	Fayette county, Ken.
Do in the machinery and art of locking doors, &c. -	1	Peter Freeman -	Morris county, N. Jersey.
Do in making post and other coaches in the jack for raising wagons, &c. -	2	John Dillingham -	Turner, Maine.
Do in the jack for raising wagons, &c. -	2	Richard Ward -	Schenectady, New York.
Do in fire places -	3	William Hoyt -	Brookville, Indiana.
	3	Do. -	Do.

Do	in the mode of making percussion guns	5	James Tyrer	Petersburg, Virginia.
Do	being a water tight bulkhead for steam boats	6	Ruggles Whiting	Louisville, Kentucky.
Do	in the hatter's planking kettle	6	Ezra Joyce	Brooklyn, New York.
Do	on S. Ballou's thrashing machine	7	J. C. Boyd and Andrew Kitchen	Rushtownship, Northumberland county, Penn.
Do	being an alternate propelling lever in the machine for moulding and making bricks	9	Robert Smith	Port Gibson, Mississippi.
Do	in the mode of raising water	11	James Lee and Jarvis Ring	Ogden, New York.
Do	in the machine for making wooden ware	11	Scott Fickett	New York.
Do	in the stove for burning Lehigh coal	14	Larmon Z. Parko	Windham, New York.
Do	being machinery for templing cloth on his machine for roasting coffee	16	John Lovatt	Philadelphia.
Do	being a kiln for charring coal	16	Philo C. Curtis	Paris, New York.
Do	on Jas. Lee's machine for moulding bricks	18	Peregrine Williamson	Baltimore.
Do	being a mode of rectifying distilled spirits by steam	20	Conrad Kownslar	Mill Creek, Berkley county, Va.
Do	in the corn shelling machine	21	Timothy P. Knesland	Ogden, New York.
Do	being a water power press for cotton	21	Jonathan Shaw	South Port, New York.
Do	on floating dry docks, for repairing vessels, &c.	22	William C. Hawley	New York.
Do	in the mode of manufacturing salt by steam	23	Josiah Durden	Washington, Autauga county, Alabama.
Do		23	Wm. R. Loweree	New York.
Do		25	Benjamin Barlow	Geddes, New York.

Inventions, &c.	Date.	Names of Patentees.	Residence.
Improvement in the construction of inclined planes for drawing up vessels	1825.		
Do in his machine for shelling corn	June 27	Edward Clark	New York.
Do in the plough, called "the Auburn Plough,"	27	John Moon	Morrisville, Penn.
Do being a machine for grinding or grating apples	27	Wm. F. Richardson	Auburn, New York.
Do in the machine for spinning wool and cotton	28	Joel Farnham	Tioga, New York.
Do being a method of applying ice to conduit pipes	28	A. S. Wittse and Joel Farnham	Tioga, New York.
Do in the marine elevating dock	29 July	Henry Cunningham	Johnstown, New York.
		Ephraim Buck, Henry Crechore, Robt. Gerry, and Abel Bayard	Boston.
Do in making keelers or pans for holding milk	20	Amos Miner	Camillus, New York.
Do in the machine for knapping cloths	20	Stephen Marsh	Fairfax, Vermont.
Do in the construction of cider mills	20	Timothy Showerman	Covington, New York.
Do in the strap auger	20	Silas Gore	Sheshequin, Penn.
Do in making salt from sea water and saline springs	20	William Barker	Smithfield, Rhode Island.

Do	the manufacture of window and bed curtains -	Aug. 23	Samuel Abbot and Joseph Prentiss -	Chester, Mass.
Do	preponderating scale -	23	Ezekiel Skinner -	Canillus, New York.
Do	mode of making dividuals and preventing forgery -	23	Constan'e Sam'l Rafinesque	Lexington, Kentucky.
Do	in the method of pressing brick -	24	John Moore -	Gardiner, Maine.
Do	in the machine for thrashing grain -	9	William Hoyt -	Brookville, Indiana.
Do	in plaster, called the three fold cement -	9	Ezra Godfrey -	New York.
Do	in the machine for thrashing grain -	9	William Small -	Augusta, Maine.
Do	in the corn shelling machine -	9	Samuel Lane -	Hallowell, Maine.
Do	in making window shades, &c. -	9	Rufus Conant -	Lynn, N. Hampshire.
Do	in the method of making glass furniture, &c. -	9	John P. Bakewell -	Pittsburg, Pennsylvania.
Do	in propelling carriages by steam -	9	Edward Clarke -	New York.
Do	in the construction of plane irons -	9	Peregrine Williamson -	Baltimore.
Do	in the loom -	9	Joseph Scholfeld -	Stonington, Conn.
Do	being a machine for bending the tire of wagon wheels -	9	Joseph Meredith -	Lebanon, Pennsylvania.
Do	roller applied to the springs of pleasure wagons -	9	John Barton, jr. -	Providence, R. I.
Do	being a fender to protect steam boats, &c. -	9	Edmond Chs. Genet -	New York.
Do	in wooden wheeled 30 hour clocks -	9	Eli Terry -	Plymouth, Connecticut.
Do	in the delineator for giving fac similes -	9	Jonas Wickes -	New York.
Do	in making bellows -	9	Josiah J. Eddy -	Providence, R. I.
Do	the American Lottery, being a system of arithmetical chances -	9	Eliphalet Nott -	Union College, N. York.

List of Patents—Continued.

Inventions, &c.	Date.	Names of Patentees.	Residence.
Improvement in making milk pans of stone ware	1825.	Sandford S. Perry	Troy, New York.
Do in warming rooms, &c.	Sept. 9	William Baker	Springfield, New York.
Do in making salt	9	Calvin Guiteau	Geddes, Onondago, N. Y.
Do in the machine for cutting teeth in ivory combs	9	Philo Pratt	New York.
Do in the construction of a carriage with a calash top	9	George Holloway	Baltimore.
Do in the mode of pressing straw bonnets, &c.	14	Simon Pittee	Foxborough, Mass.
Do in the mode of securing lightning rods to houses	24	J. Brown and G. W. Robinson	Providence, R. I.
Do in the press for pressing brick	24	Mark Twitchell	Gray, Maine.
Do in the kettle and boiler for heating water	26	Philo N. Griffith	Orange, Essex cty. N. J.
Do in the bake oven	27	Henry Reip	Baltimore.
Do apparatus for keeping the teeth free from saliva whilst stopping	27	Charles Newton	New York.
Do in making fire bricks	27	Richard W. Smith	Baltimore.
Do in Steam Engine, called the power wheel	27	John A. Wadsworth	Portsmouth, R. I.
Do in the machine for cutting and chipping dye woods	27	Ephraim Morris	Bloomfield, N. J.

Do in the machine for packing cotton
 Do in the machine for bending the
 tire of carriage wheels
 Do in the machinery for propelling
 boats
 Do in the method of distilling spirits
 Do in the mode of preparing fur for
 hatters
 Do in setting up the standing rigging
 of vessels
 Do being a compound rotary saw
 Do in the furnace for heating hatter's
 finishing irons, &c.
 Do in the leading bars (or tongues) of
 four horse carriages
 Do in the forge and furnace water
 back and towel
 Do in the mortice and common door
 lock
 Do in the mode of making butter by
 machinery
 Do in the Steam Engine
 Do in saddles
 Do in saddles
 Do in the mode of extracting the
 strength from coffee
 Do in the mode of pressing bricks
 and tiles

28	Lewis Laysard	-	Halifax, N. Carolina.
28	Chs. Cooper and Tustin	Abr'm	Lebanon, Pennsylvania.
28	Henry R. Teller	-	Schenectady, N. York.
28	Abraham Whiston	-	Staunton, Virginia.
28	Arnold Buffum	-	Troy, Massachusetts.
28	Benjamin W. Booth	-	U. S. Navy, Washington, D. C.
29	Adam Stewart	-	Boston, Massachusetts.
29	Garret V. Raymond	-	Richmond, Virginia.
29	Lucius W. Stockton	-	Uniontown, Penn.
29	Asa Blood	-	Conhocton, Steuben city. New York.
29	Turner Whitehouse	-	Boston.
29	Ezekiel Waterhouse	-	Gardiner, Maine.
30	Wm. Avery and Hiram Scoville	-	Pompey, New York.
30	Thomas G. Prettyman	-	Alexandria, D. C.
30	Lacy White	-	New York.
30	Lewis Martelley	-	New York.
30	Samuel Lane	-	Hallowell, Maine.

A List of Patents—Continued.

Inventions, &c.	Date.	Names of Patentees.	Residence.
Improvement in the apparatus for rectifying spirits -	1825.	L. C. Bodmann and Ph. Bodmann -	Baltimore.
Do in the Plough -	Sept. 30	Gideon Davis -	Georgetown, D. C.
Do in compressing and smoothing unburnt bricks, &c. -	Oct. 1	Thomas Norcross & Geo. Pollard -	Hallowell, Maine.
Do in the mode of preventing the decay of ships -	1	Anthony Planton -	Philadelphia.
Do machine for breaking and dressing flax -	1	Joseph Briggs -	Schoharie, New York.
Do in the machine for pressing cotton -	5	Jacob N. Gordon -	Plymouth, N. Carolina.
Do being a machine for raising canal boats to be repaired -	8	Silvester Doolittle -	Rochester, New York.
Do in cart iron hubs for wheels -	26	Benjamin Lyman -	Manchester, Conn.
Do in the kiln for burning brick, tiles, &c. -	29	John Duff -	Washington, D. C.
Do being Hydrostatic and Aerostatic machinery -	31	Edmond Chs. Genet -	Albany, New York.
Do in saw mills -	31	Ebenezer Whiting -	Ithica, New York.
Do called the Chiro Velocipede -	Nov. 1	Gideon Barker -	Providence, R. Island.
Do being a reverberating grate -	1	Robert Mayo -	Richmond, Virginia.
Do in the horse wheel barrow -	1	Jirch Rowley -	Pittsford, New York.

Do	beading marble
Do	in the method of smoothing and polishing marble
Do	in the machine for shelling corn
Do	called the compound Pendulum Lever
Do	in the horizontal water wheel
Do	in bedsteads
Do	in the reaping and cutting machine
Do	in the mode of drawing water from wells
Do	converting rectilinear into circular motion
Do	in the machine for pressing oil, &c.
Do	in the currier's knife for shaving leather
Do	in the springs for wagons
Do	called a re-acting or lever wheel
Do	in cast iron shoes for horses or oxen
Do	in the thrashing machine
Do	called the double tenon draw key bedstead
Do	in the fan and screen in cleaning grain for grinding
Do	in constructing furnaces for burning Anthracite coal

1	Harlow J. Torrey	-	New York.
1	Do.	-	Do.
1	Amon Bailey	-	Poultney, Vermont.
1	Cyrus Berry	-	Poughkeepsie, N. York.
2	Abraham Lippitt	-	Windsor, Ohio.
2	John McClintic	-	Chambersburg, Penn.
2	James Ten Ryk	-	Bridgewater Township, N. J.
2	Elijah Willard	-	Egremont, Mass.
3	Robert Dennis	-	Rahway, New Jersey.
3	Isaac Clowes	-	Hampton, Virginia.
3	James Batchelder	-	Lancaster. N. Hampshire.
4	Hazard Knowles	-	Colchester. Connecticut.
4	Luther Davis	-	Northampton, Mass.
4	Stephen W. Whitman	-	Madison, Ohio.
5	R. Howard & J. B. Flagg	-	Kennebec cty. Maine.
5	Samuel Cooper	-	Chambersburg, Penn.
7	John Peyton	-	Orange cty. Virginia.
7	Oliver Woodruff	-	New York.

List of Patents—Continued.

Inventions, &c.	Date.	Names of Patentees.	Residence.
Improvement in the truss for ruptures	1825.	Christian Stockman	Albany, New York.
Do in the straw cutting machine	Nov. 7	Benj. A. Hall and Chauncey Hall	Middletown, Conn.
Do in the apparatus used in dying hats	8	Morris Burt	Warwick, New York.
Do in the method of drawing lotteries	8	Joseph Howard and Allbidge Hayward	Providence, R. I.
Do in the tooth for the cultivator or hoe harrow, &c.	8	William Beach	Philadelphia.
Do in the washing machine	8	Moses J. Clark	Auburn, New York.
Do in the Rotary Steam Engine	12	J. R. Averill and Fra. Hoard	Rochester, New York.
Do in tanning	12	Sam'l and Amos Williams	Orange, New Jersey.
Do in machinery for raising water and sawing timber	15	John Winter	Brutus, New York.
Do in the printing press	15	Daniel Neale	Philadelphia.
Do in sawing shingles with a gang of saws	15	Jonathan Culver	Norfolk, New York.
Do in making metal eyes for weavers harness	15	J. Conger and L. Woodbury	Locke, New York.
Do being an elementary circulating steam engine	16	Timothy Beach	Deer Creek, Ohio.

Do	called the alarm or reversed safety valve	Nov.	15	Wm. S. Gillett	-	Lower Three Runa, S. Carolina.
Do	in making coach lace	-	18	Wm. G. Barnet	-	Newark, New Jersey.
Do	in the machine for raising boats from canals, &c.	-	18	Elisha Turner	-	Rochester, New York.
Do	in the punch, rivet, and screw cutter	-	18	Levi C. Judson	-	Waterville, New York.
Do	in the vice used in cutting combs	-	22	Philo Pratt	-	Mereden Connecticut.
Do	called the compound Evaporator	-	23	John A. Wadsworth	-	Portsmouth, R. I.
Do	in the saw mill	-	24	Isaac Ryon	-	Bridgewater, Mass.
Do	in the method of generating steam	-	26	Mahlon Betts	-	Wilmington, Delaware.
Do	in the apparatus for distilling	-	26	John C. Douglass	-	Troy, New York.
Do	in the Anthracite coal furnace, &c.	-	26	John L. Sullivan	-	New York.
Do	in the mode of generating and ap- plying steam	-	29	Stephen T. Conn	-	Do.
Do	in mills for grinding grain, &c.	Dec.	2	Joseph Ives	-	Do.
Do	in the brand for branding flour barrels, &c.	-	2	Wm. Ross	-	New Orleans.
Do	being a machine for working but- ter, and cutting curds	-	5	James Buck	-	Chatham, Connecticut.
Do	in the revolving oven for baking, &c.	-	5	Stephen Harris	-	Norfolk, Virginia.
Do	in the press for packing cotton	-	8	David Wilkinson	-	North Providence, R. I.
Do	in the washing machine	-	8	Shelbern Bostwick	-	Thompson, Ohio.
Do	in the corn shelling machine, &c.	-	8	Christopher Hoxie	-	Hudson, New York.
Do	in the machine for pressing cheese, &c.	-	9	Lebbeus Caswell	-	Harrison, Maine.
Do	in the mode of grinding apples and other fruit	-	9	Bela Churchill	-	Buckfield, Maine.

List of Patents—Continued.

Inventions, &c.	Date.	Names of Patentees.	Residence.
Do in preventing doors, &c. being too tight - -	1825.		
Do in making wooden screws -	Dec. 12	Daniel Fraser -	New York.
Do in making boots and shoes water proof - -	12	James Lynch -	Pulaski, Tennessee.
Do in trusses for ruptures - -	14	Patrick G. Nagle -	Philadelphia.
Do in the machine for cutting paper -	15	John Blagge -	Portland, Maine.
Do in Piano Fortes - -	17	John M. Clintic -	Chambersburg, Penn.
Do in the mill for sawing shingles -	17	Alpheus Babcock -	Boston, Mass.
Do in the machine for cleaning rice -	17	Ephraim Parker -	Cheshire county, N. H.
Do in the mortising machine -	21	Alexander Shinie -	Charleston, S. C.
Do in the fresh water dry dock -	22	Ezra Ripley -	New York.
Do in the cast iron box for the hubs of wheels - -	22	Levi H. Clarke and Lewis M. Wiss -	Do.
Do in the system of lotteries and mode of drawing - -	26	Jeremiah Witt -	Chambersburg, Penn.
Do in the mode of rotting flax and hemp by steam - -	28	Francis W. Dana -	Boston, Mass.
Do in the mode of regulating the speed of carriages - -	28	Achilles Chinn -	Harrison county, Ken.
	28	Thomas Blanchard -	Springfield, Mass.

Do	in the application of steam to machinery generally	29	Michael Musselman	-	Phelps, Ontario cty N. Y.
Do	in the mode of planing wool hats, &c. by machinery	31	Leban L. Macomber	-	Bath, Lincoln cty Maine.
Do	in the machine for raising boats, &c.	31	Elisha Turner	-	Rochester, Monroe cty. New York.
Do	in the mode of pressing unburnt bricks	31	Thomas Norcross	-	Hallowell, Maine.

PATENTS FOR USEFUL INVENTIONS IN 1826.

LETTER

FROM

THE SECRETARY OF STATE

TRANSMITTING

A LIST OF THE NAMES OF PERSONS

TO WHOM

PATENTS HAVE BEEN ISSUED,

FOR THE INVENTION OF ANY

**NEW OR USEFUL ART, OR MACHINE, MANUFACTURE OR COMPO-
SITION OF MATTER, OR ANY IMPROVEMENT THEREON,**

From Jan. 1st 1826, to Jan. 1st, 1827.

JANUARY 8, 1827,

Read, and laid upon the table.

WASHINGTON :

PRINTED BY GALLS & SEATON.

1827.

[Doc. No. 27.]

DEPARTMENT OF STATE,

January 1st, 1827.

SIR: In pursuance of the resolution of the House of Representatives of the United States, dated the 13th of January, 1812, I have the honor of transmitting a list of the names of persons who have invented any new or useful art, or machine, manufacture, or composition of matter, or any improvement thereon, and to whom patents have been issued for the same, from this office, from the 31st day of December, 1825, to the 1st day of January, 1827, with the dates and general objects of such patents: and, also, the residence of the patentees, as far as they could be ascertained.

H. CLAY.

To the Hon. the SPEAKER
of the House of Representatives of the U. S.

LIST OF PATENTS for the year ending the 1st of January 1827.

Inventions, &c.	Date.	Names of Patentees.	Residence.
Improvement in refrigerators for distilleries -	1826	Lewis C. & Philip Rodman	Baltimore.
Imp't in the machine for threshing grain -	Jan. 6	William Small -	Augusta, Maine.
Do bedsteads, bevel grooved, dovetail joints for -	10	-	-
Do washing machine -	11	John Mitchel -	Harrisburg, Penn.
Do the water cement -	11	Oliver Deane -	Walpole, Massachusetts.
Do the mode of retarding carriages when descending hills -	11	Simeon Guilford -	Lebanon, Pennsylvania.
Do the machine for threshing grain and clover, and for breaking and dressing flax -	16	Ezra Slifer -	Boonsborough, Md.
Imp't in horizontal spinners of wool and cotton -	16	Jacob A. Heermance -	Red Hook, New York.
Do the method of extending motion and multiplying power -	16	J. S. & E. J. Billings -	Moreau, New York.
Imp't in the machinery for sawing boards -	16	William Kendall, jun. -	Waterville, Maine.
Do the manner of preparing food -	16	Do -	Do.
Do the machinery for mashing in distilleries -	19	John Bouis -	Baltimore.
Imp't, being a tincture for curing corns -	19	Warham Whitney -	Rochester, New York.
Improvement in the bushing for blocks, hubs of wheels, &c. -	20	Elisha Smith -	New Brunswick, N. Jersey.
Imp't in the machine for mixing mortar, and moulding and pressing brick -	23	Theodore & Dan'l Curtis	Washington City, D. C.
Imp't in the washing machine -	23	John M. Brookings -	Wiscasset, Maine.
	25	Willard Foster -	Oswego, New York,

Imp't in the machine for sawing shingles	-	1826	Willard Foster	-	Oswego, New York.
Do ornamenting rolls and stamps for bookbinders	-	Jan. 25		-	
Do the mode of obtaining water	-	26	David H. Mason	-	Philadelphia.
Do the application of steam in washing	-	27	Jeremiah Dexter	-	Salisbury, Connecticut.
Do the plough	-	28	Junius Smith	-	London, England.
Do making temples for weaving	-	28	Stephen M. Cornick	-	Fauquier, Virginia.
Do the cooking stove	-	30	Orsemus M. Stillman	-	Brookfield, New York.
Do the mode of cleaning cotton from the seed	-	Feb. 1	David Little	-	Hagerstown, Maryland.
Do pumps	-	3	Jesse Reed	-	Marshfield, Mass.
Do the construction of ways for drawing up vessels	-	4	Sylvanus Russell	-	Olean, New York.
Do the saw mill for sawing boards, &c.	-	8	Amasa Miller	-	New London, Conn.
Do digging canals and in removing the earth	-	8	Israel Johnson, jun.	-	Villanova, New York.
Do the machine for pressing hay, cider, oil, &c.	-	10	Jeremiah Brainard	-	Rome, New York.
Do the machine for planting and cultivating cotton	-	15	Nathan Whitney	-	Augusta, Maine.
Do the steam pump	-	15	Francis H. Smith	-	Richmond, Virginia.
Do the shape and formation of hickory brooms, &c.	-	16	Geo. W. Long, U. S. Art.	-	Old Point Comfort.
Do the machine for pressing hops, hay, &c.	-	15	Adam Sclater	-	Oxford Township, Penn.
	-	17	Joseph Wilson	-	Otsego, New York.

Do in the machine for threshing grain and
 hulling clover seed -
 Imp't in the machine for thrashing grain, break-
 ing flax and hemp, -
 Imp't being a tube picker, used in weaving,
 Do called a "bisected bodstead," -
 Do called the "family mill," -
 Do in the steam still, -
 Do in the power loom for weaving wire, -
 Do in the ship rail way dock, -
 Do on the old method of tanning, -
 Do called the perpetual lever vice, -
 Do called the power printing press, -
 Do called the "fancy spinner," -
 Do in the thirty hours wooden clocks, -
 Do on the above clocks -
 Do in fire-proof wrought iron chests -
 Do in machinery for rubbing or scouring
 marble -
 Imp't in the washing machine -
 Do in the steam engine -
 Do in the machine for facilitating the sow-
 ing of leather -
 Imp't in the machine for hulling and cleaning
 rice -
 Do in the mode of dipping candles by ma-
 chinery -
 Do being a machine for raising stumps,
 stones, &c. -

18	Joseph Potter -	Reading, Pennsylvania.
21	D. Hurlbut, N. Ether- edge, and J. M. Combs -	Herkimer county, N. Y.
21	Benjamin Holbrook -	Providence, R. Island.
21	Peter Breasted -	Green county, N. York.
23	David Flagg, jun. -	Gardiner, Maine.
23	James G. Foley -	Harrisburg, Pennsylvania.
23	John S. Gustin -	New York.
24	John Thomas -	New York.
March 1	Leonard Jacobs -	Richmond, Virginia.
2	Calvin Wing -	Gardiner, Maine.
2	Daniel Treadwell -	Boston, Massachusetts.
3	Jno. R. & Jos. B. Wheeler -	Galway, New York.
4	Eli Terry -	Plymouth, Connecticut.
4	Do -	Do
7	Jesse Delano -	New York.
7	Elijah Ferris -	West Chester, N. York.
8	Edward Thurston -	Hurlington, Vermont.
10	George Deming -	Niagara, New York.
10	Henry Lye -	Philadelphia.
10	John L. Norton -	New York.
11	William Day -	Gardiner, Maine.
15	Abiezer H. Whitney -	Bowdoinham, Maine.

LIST OF PATENTS--Continued.

Inventions, &c.	Date.	Names of Patentees.	Residence.
	1826		
Imp't in the mode of measuring, for cutting out garments -	Feb. 15	Stephen Severson	Baltimore.
Do in fire-proof window shutters -	16	J. Brown, & G. W. Robinson	Providence, R. Island.
Do in the mode of spinning wool and cotton by hand -	16	George W. Robinson	Providence, R. Island.
Do in the currying knife -	17	Freeman Palmer	Littleton, N. H.
Do in making paddle gates for locks in canals -	17	Daniel Rodgers	Little Falls, N. York.
Do in concave and convex mill stones -	18	Jos. Sawyer, & Edson Clark	Royalston, Massachusetts.
Do in the spiral spring truss -	21	Bela Farr	Norwich, New York.
Do in machinery to supersede the use of cog wheels -	22	James Cooper	Staunton, Virginia.
Do in the evolution and management of heat -	23	Eliphalet Nott	Schenectady, New York.
Do in rack bolts for doors, &c. -	24	J. Brown, & G. W. Robinson	Providence, R. Island.
Do in the steering wheels for vessels -	24	John Mills Brown	Boston, Massachusetts.
Imp't being a sight gauge for a steam boiler, -	Mar. 24	William Barker	Kingston, Pennsylvania.
Do being a machine for slitting timber -	25	Do	Do

Imp't in concentrating the power of the pendulum and lever	-	25	Alric Berry, and Cyrus Berry	Poughkeepsie, N. York.
Do in the mode of applying steam, wind, and water as a power	-	25	Isaac Garretson	Bellefontaine, Ohio.
Do being a spiral moulding brick press	-	28	James Parker	Gardiner, Maine.
Do called a mortar tub mill	-	28	Do	Do
Do in the machinery for propelling boats, &c.	-	29	Chauncey Craft	Woodbury, Connecticut.
Do in the gas or vapor engine	-	1	Samuel Morey	Orford, New Hampshire.
Do in dry docks	-	1	Alonson Place	New York.
Do in heating callender rollers, for glazing	-	1	Joel Brimhall, & Thomas Keyes, jun.	West Boylston, Mass.
Do in bedstead fastenings	-	3	Edwin H. Badger	Petersburg, Virginia.
Do in making boots and shoes	-	5	John Frask	Uadfield, Massachusetts.
Do in the art of tayloring	-	5	Greenbury Ross	Carlisle, Kentucky.
Do in the machinery attached to slitting mills	-	5	Timothy Allen	Plymouth, Massachusetts.
Do in the mode of sawing shingles	-	6	Oliver Goddard	Bridgeton, Maine.
Do being a machine for jointing and malching boards	-	8	David Gleason, & Hiram Frisbee	Bethany, New York.
Do in the wheel power for pumping ships, &c.	-	8	Salem Town, and Robert W. Oliphant	North Granville, N. York.
Do in the washing machine	-	12	Richard V. Mudge	Durham, New York.
Do in the cotton press	-	12	Gideon Glenn	Louisburg, N. Carolina.
Do in the machinery for making paper	-	13	Gardner Burbank	Worcester, Mass.
Do on the wire harness for weaving, patented by Chandler & Brown	-	12	Ezra Brown	Cazenovia, New York.
Do in the mode of crooking gun stocks	-	12	John Schirer	Charleston, S. Carolina.
Do in the hill-side, double nosed, cast iron plough	-	12	John Shepherd	De Rouyter, New York.
Do in the rocking washing machine	-	12	John G. Phillip	Kinderhook, New York.

LIST OF PATENTS—Continued.

Inventions, &c.	Date.	Names of Patentees.	Residence.
Imp't called the lever power mortising machine	1826		
Do in the pump	April 12	Thomas Green	Manlius, New York.
Do in the tooth of the cultivator, or harrow	13	Theodore Brooks	Rutland, New York.
Do in the loom for weaving carpeting	13	Waldron Beach	Philadelphia.
Do in the mode of raising vessels for re- pairing	14	Horace Baker	North Salem, New York.
Do in distilling	15	Benjamin Waterhouse	New York.
Do in the boring and tenoning machine	15	Samuel Harwood, 8d	Braintree, New York.
Do in the horse mill	17	Admiral Warren	Saugerties, New York.
Do in the grist mill, patented by Mr. Bricknell	15	Do	Do
Do in the cast iron plough	18	Moody Stockman	Hampton, N. Hampshire.
Do being a conical water wheel	19	Thaddeus Fairbanks	St. Johnsbury, Vermont.
Do in the loom	19	Boswell Wilcox	Franklin county, Ohio.
Do in the vertical saw in sawing fret work	21	Do	Do
Do in the machine for splicing cotton and woollen rolls	22	Ebezer. & Charles Boothe	Southbury, Connecticut.
Do in the varnish for furniture	22	Gardner Barton, jun.	Shaftsbury, Vermont.
Do in picking oakum by machinery	22	Marcus Curtis	Troy, New York.
Do called the combined screw gear	24	Ezekiel Waterhouse	Gardiner, Maine.
Do in constructing tan vats, &c.	24	Charles Wortham	Warren county, N. C.
Do in the machine for cleansing grain from smut, &c.	24	Aaron Higgins	Town of Florence, Ohio.
	25	Levi Lee and Cornelius Maston	Penn Yan, New York.

Do in elevating screw box and cap of car-
rriages - - -
Do in steering all kinds of vessels - - -
Do called forest rail roads - - -
Do in steam boats for running in shallow
water - - -
Do in the plough - - -
Do on the horizontal spinner patented by
Calvin Merrill - - -
Do in the machine for pressing bricks - - -
Do being a vertical jenny for spinning - - -
Do in making artificial globes - - -
Do in the inclined horse wheel - - -
Do in the machine for moulding brick - - -
Do in the rail way with a lift of 16 feet - - -
Do in the combined lever bottom press - - -
Do in the mode of relieving water wheels
from back water - - -
Do in the machine for threshing grain - - -
Do in covering or platting brick kilns - - -
Do in the machine for excavating canals - - -
Do in the scheme of lotteries - - -
Do in boys' dresses - - -
Do in the sponges for artillery - - -
Do in making cordage - - -
Do in making chain cables - - -

26 Enoch Hidden -
26 Stephen G. Clark and
George Stimson -
27 H. Pinkus and Thomas
R. Williams -
28 Benjamin Phillips -
28 William Cock -
Bensie Hunt and Seth
Wheelock -
2 May Julius Willerd -
2 James Matthews -
4 William B. Annin -
5 Elias Holliday -
6 David Watson -
6 Ethan Baldwin -
10 Emanuel Veneer -
10 Jere. Benedict -
10 John Shaw -
10 Samuel R. Bakewell -
10 Lot Forrester -
16 Edward Grattan -
16 Charles Herwick -
16 John Gether -
17 Erastus Bartholomew -
17 Do

New York
Charlestown, Mass.
London, England.
New York.
Luzerne township, Penn.
Knox, New York.
Baltimore.
Schenectady, New York.
Boston.
Schoharie, New York.
Fayetteville, Maine.
Harrisburg, Penn.
Halifax, N. Carolina.
Fabius, New York
Kenebeck county, Maine.
Wellsburg, Virginia.
Ridgefield, Connecticut.
Providence, Rhode Island.
New York.
Philadelphia.
Boston.
Do

LIST OF PATENTS—Continued.

Inventions, &c.	Date.	Names of Patentees.	Residence.
Do in the art of manufacturing biscuit and sugar bread - - -	1826	Ephraim Treadwell -	New York.
Do in the mode of constructing water wheels and flumes - - -	18	Asa Mercer -	Providence, R. Island.
Do in the circular saw - - -	18	William Kendall, jun. -	Kennebeck, Maine.
Do in the family spinning machine - - -	20	J. Watt, F. A. Priest, & Guy Freeborn -	Jefferson county, Ohio.
Do in the machine for sawing felloses for wheels - - -	20	Phœbe Collier, (widow of James) -	Catskill, New York.
Do in the art of ornamenting walls, ceilings, &c. in the press for pressing out oil, cider, &c. in the construction of stoves or furnaces for heating iron hoops - - -	20	William West -	Philadelphia.
Do in the machine for pumping water for machinery - - -	20	William H. Hoeg -	Ashtabula county, Ohio.
Do in raising water for domestic purposes - - -	22	Garret Post -	Auburn, New York.
Do in pressing Leghorn, straw, and other hats - - -	22	Liscomb Knap -	Brighton, New York.
Do in the mode of loading carts, wagons, &c. in the threshing machine - - -	22	Do -	Do.
Do in the rotary steam engine - - -	23	Rufus Tyler and Benton P. Coston -	Philadelphia.
Do in the mode of loading carts, wagons, &c. in the threshing machine - - -	23	Noah Osborn -	Fairfield, Connecticut.
Do in the rotary steam engine - - -	25	Seth Ballou -	Livermore, Maine.
Do in the rotary steam engine - - -	25	Samuel Fairlamb and David Bruce, jun. -	New York.

Do	in the construction of saddles	-	27	William H. Collins	Cincinnati, Ohio.
Do	in the machine for removing earth, &c.	-	29	William H. Doll	Harrisburg, Pennsylvania.
Do	in the machine for finishing hats	-	31	Jas. Cooper & Th. Barnett	Philadelphia.
Do	in the machine for removing earth	-	1	Pearson Reading	Trenton, New Jersey.
Do	in the construction of wind mills	-	2	William Coburn	Gardiner, Maine.
Do	in the lever press for packing cotton	-	3	Charles Williams	Petersburg, Virginia.
Do	in the threshing machine	-	5	Pearson Reading	Trenton, New Jersey.
Do	in the springs to a wagon	-	6	Walter Janes	Asford, Connecticut.
Do	in the construction of rail ways	-	6	John Brown and G. W. Robinson	Providence, Rhode Island.
Do	in the construction of chimneys	-	8	Abraham G. D. Tutill	Utica, New York.
Do	in the turning lathe	-	8	John Hunt	Shutesbury, Mass.
Do	in grist mills	-	9	Fra. Harris & Jno. Wilson	Albany, New York.
Do	in the carding machine	-	9	Elijah Thompson	Lowell, Massachusetts.
Do	in the machine for making boots and shoes	-	9	Elijah Thayer	Leicester, Massachusetts.
Do	in the machine for moulding bricks, &c.	-	9	Ezra Fish	Fayette, Maine.
Do	in the machine for roping and spinning cotton, &c.	-	10	William Carmichael	Sandlake, New York.
Do	in rolling or twisting roving of cotton	-	14	William Whitehead, jun.	Patterson, New Jersey.
Do	in the instrument for operating in the cataract	-	14	Thomas R. Williams	Philadelphia.
Do	in the loom	-	14	Cornelius Bergen	New York.
Do	in Paul Pillsbury's machine for shelling corn	-	15	Jeremiah Dodson	Guilford, N. Carolina.
Do	in the mode of emptying the well bucket	-	15	Elijah Willard	Egremont, Mass.
Do	in the machine for spinning wool, &c.	-	15	John Corrill, & William P. Rogers	Harpersfield, Ohio.
Do	in the machine for lifting canal boats out of the water for repair	-	16	Seth C. Jones	Rochester, New York.

June

LIST OF PATENTS.—Continued.

Inventions, &c.	Date.	Names of Patentees.	Residence.
Imp't in the percussion lock, for the rifle, &c.	1826	Joseph Medberry, and Silvester Kellogg	Rochester, New York.
Do in the mode of applying one head of water to any number of water wheels -	June 16	D. McKenzic, M. L. Barber, S. Dean, and J. M. Naughton	Caledonia, New York.
Do in the machine for bending tire for wheels	19	Walter James	Ashford, Connecticut.
Do in the machinery for weighing canal boats	19	Benjamin Bull	New York.
Do in relation to the evolution, &c. of heat	20	Eliphalet Nott	Schenectady, New York.
Do in the machine for shaving and smoothing wood -	21	Abraham Brownson	Lockport, New York.
Do in the machine for spinning flax and hemp	22	Walter Hunt, and Willis Hoskins	Martinsburgh, New York.
Do in the buoyant dock	22	Maximin Isnard	New York.
Do in the ma. for pressing unburnt brick, &c.	24	Ephraim Mayo	Hallowell, Maine.
Do in the machine for planting and working Indian corn -	24	William Ross	Middle Baxton township, Pennsylvania.
Do being a machine for cutting plugs for waists and decks, for ships -	24	Christopher Josselyn	New York.
Do in the mode of sawing wood, for felloes, &c.	29	Barnabas Ruggles	Poultney, Vermont.
Do in grist mills	29	Isaac Ryon	Bridgewater, Mass.
Do in generating steam	July 1	John M. Curdy	London, England.
Do on wooden wheeled 30 hours clocks	5	Eli Terry	Plymouth, Connecticut.

Do	in the washing machine	-	-	Seth Church, and Hiram Clark	Utica, New York.
Do	in the steering wheel	-	-	Ebenezer S. Coffin	Boston.
Do	in the mode of steering vessels	-	-	Rhodes Kingabury and E. Rowse	Bath, Maine.
Do	on his patented braiding machine	-	-	John Thorp	Providence, R. Island.
Do	in the scale for draughting garments	-	-	Nathan B. Starr	Philadelphia.
Do	in the mode of preserving wooden locks in canals	-	-	Simeon Guilford	Lebanon, Pennsylvania.
Do	being a cleave harrow for clearing ground	-	-	Lemuel Tam	Sussex county, Delaware.
Do	in the mode of manufacturing salt by steam	-	-	Stephen T. Conn	Georgetown, D. C.
Do	for raising and removing earth and sand	-	-	Cyrus Barnard	Newlin, Pennsylvania.
Do	in making cartridges for blasting rocks	-	-	John B. Ives	Lebanon, Pennsylvania.
Do	in the mode of letting water on water wheels	-	-	Thomas Key	Henry county, Georgia.
Do	on the steam generator patented Nov. 18th, 1825	-	-	Stephen T. Conn	Washington, D. C.
Do	in the mode of applying steam power to the sawing of timber	-	-	Reuben Nichols	New Orleans.
Do	in the machine for spinning cotton & wool	-	-	Joseph Hathaway	Poultney, New York.
Do	in the mode of evaporating liquids	-	-	Charles Sholes	Phelps, New York.
Do	in the construction of grist mills	-	-	Jedediah Northrop	Woodbridge, Connecticut.
Do	in the ma. for grinding shelled corn, &c.	-	-	Jarvis Webster	Philadelphia.
Do	called a carrying and lifting trunk dock,	-	-	James Barron, Capt. U. States Navy	Norfolk, Virginia.
Do	in representing by lines, genealogy, chronology, &c.	-	-	Henry Bostwick	New York.
Do	in the application of steam to the blast of furnaces	-	-	Cotton Foss	Madison, Ohio.
Do	in the method of moving the trip-hammer	-	-	Elisba Crowell	Gardiner, Maine.

Aug.

LIST OF PATENTS—Continued.

Inventions, &c.	Date.	Names of Patentees.	Residences.
	1826		
Imp't in the mode of turning any number of augers	Aug. 7	Harden Branch	New York.
Do in the mode of elevating liquors	7.	John A. Smith	New London.
Do in the plough	9	Zebulon S. Holdridge, & Henry S. Lawson	Berne, New York.
Do in the ladder to be used at fires	9	Samuel Leberman	Philadelphia.
Do in the machine for dressing flax	12	Jos. Hines, & Wm. Bain	New York.
Do being a plan for working steam twice over	12	Joseph H. Laning	Nashville, Tennessee.
Do in the mode of making lampblack	15	Joseph Hastings	Cambridge, Mass.
Do in the machine for laying and twisting cotton seine twine	16	Joseph Clarkson	Baltimore.
Do in the trussel bobbin or spool for factories	16	Thomas Van Riper	Patterson, New Jersey.
Do in steam enginery	16	Joseph Eve	London, England.
Do in the mode of washing by steam	16	Wm. Burton, jun.	Annsville, New York.
Do applied to the auger	17	Joseph H. Schreiner	Philadelphia.
Do in the floating dry dock	17	John Floyd	Kittery, Maine.
Do in suspenders	19	Benjamin Wilcox	Utica, New York.
Do in a composition to be applied before card- ing	19	Ziba Parkhurst	Grafton, Massachusetts.
Do in the mode of setting saws	19	Joseph H. Schreiner	Philadelphia.
Do in the machine for roping & spinning wool	28	J. R. Wheeler and J. B. Wheeler	Galway, New York.

Do	in the dress called the jubilee stock	-	-	30	W. J. Cantelo and R. M. Kerrison	New York.
Do	in the windmill	-	-	31	Moses Padley	Ontario, New York.
Do	called the relieving valve	-	-	2	William Lanphier	Alexandria, D. C.
Do	in the loom	-	-	2	Samuel Chidester	Windham, New York.
Do	in the machine for threshing and cleaning grain	-	-	8	Archibald Douglass	Marcellus, New York.
Do	in the machine for singeing all kinds of cloth	-	-	6	Andrew Robeson	New Bedford, Mass.
Do	called the screw boot tree	-	-	8	George Nichol	Madison, Virginia.
Do	in burning stone ware without the use of salt	-	-	12	Sanford S. Berry	Troy, New York.
Do	in making iron keyed bands, &c.	-	-	14	Edward Cooper	Richmond, Virginia.
Do	in the printing press	-	-	15	David Phelps	Boston.
Do	in the mode of sawing circular timber	-	-	15	Benjamin Overman	Greensborough, N. C.
Do	on the wheels for propelling steamboats	-	-	15	John James Giraud	Baltimore.
Do	called the portable endless rail way	-	-	15	Jeremiah Price	New York.
Do	in the machine for manufacturing nalle, &c.	-	-	23	Joseph Krauser	Philadelphia.
Do	in fire engine	-	-	23	George Shalk and Wm. Tintoff	Lebanon, Pennsylvania.
Do	in the wool carding machine	-	-	23	James H. Arnold	Belmont, Ohio.
Do	in the machine for raising earth, mud, &c.	-	-	26	Samuel Collins	New York.
Do	in applying anthracite coal in generating steam	-	-	12	Daniel Collings and Jas. D. Gallup	Wilkesbarre, Penn.
Do	in the gristmill	-	-	20	Moses Mendenhall	Greensborough, N. C.
Do	in bells	-	-	20	H. Tyler	Utica, New York.
Do	in the method of drawing water from wells	-	-	23	Elijah Willard	Egremont, Massachusetts.
Do	in constructing cellars, vaults, &c.	-	-	24	Henry Hallark	New York.
Do	in the manufacture of bridges	-	-	24	Daniel H. Read	Do.

LIST OF PATENTS—Continued.

Inventions, &c.	Date.	Names of Patentees.	Residence.
Do in the machine for shelling corn	1826	Elijah Russell	Greensborough, N. C.
Do in the horse saw mill	Oct. 24	Solomon R. Johnson	New York.
Do in the method of discharging cannon	25	Henry Whitcomb	Adams, New York.
Do in the bar-mill	25	Cotton Foss	Madison, Ohio.
Do in making glass knobs for doors, &c.	Nov. 4	Henry Whitney and E. Robinson	Cambridge, Mass.
Do in the printing press	4	Samuel Fairlamb	New York.
Do in the machine for cutting fur from the skin	4	Jeremiah Hubbard	Jamestown, N. Carolina.
Do called bilge levers, for supporting ships	6	John Thomas	New York.
Do called the sub-marine rail way	6	Do	Do.
Do in the domestic loom	6	Jeremiah Hubbard	Jamestown, N. Carolina.
Do in the common foot gin for ginning cotton	6	Isaac B. Barnes	Beaufort, South Carolina.
Do in the steam engine	6	Elisha Bigelow	Baltimore.
Do in bedsteads	7	William Bell	Lexington, Kentucky.
Do in the fanning mill	7	Ovid Pinney and James Olmstead	Caledonia, New York.
Do in the machine for boring, reaming out, &c.	7	Ebenezer Johnson	Lexington Heights, Green county, New York.
Do in the machine for threshing and winnowing grain,	7	Sylvanus C. Hersey	Rochester, New York.
Do in the construction of furnaces, stoves, &c.	8	Social Rolph	Wales, New York.
Do in the rotary steam engine	10	Elijah H. Read	Lancaster, Kentucky.

Do	in the water wheel for propelling boats	13	Benjamin Raymond, jun.	Beverly, Massachusetts.
Do	in constructing and grinding the currying knife	13	Samuel Brooks	New York.
Do	in the machine for cutting cabbage	14	Ferdinand Berkeymeger and J. Dengler	Greenwich, Pennsylvania.
Do	in the method of drawing lotteries	14	William C. Conine	Baltimore.
Do	in the method of fastening commod knobs, &c.	14	William Price	Pitt, Pennsylvania.
Do	in the steam generator	14	Daniel Phelps	Bath, New York.
Do	being a double box for pressing hay	14	Ezekiel Waterhouse	Gardiner, Maine.
Do	in ma. for spinning and reeling wool, &c.	14	Joseph Woodhull	Chester, New York.
Do	in the two cylinder atmospheric steam engine	14	William Willis	Charleston, S. Carolina.
Do	being an instrument for husking corn	14	Howlett Bushnell	Norwich, New London cy. Connecticut.
Do	in the machine for raising boats & vessels	16	Alfred Warner	Rochester, New York.
Do	in the mode of dying hair on seal skins, &c.	16	Joseph Herring	New York.
Do	on Bicknell's grist mill	17	James Bemis	Worcester, Mass.
Do	in a set auger for boring hubs of wheels	20	Sheldon Caldwell	Windham, Connecticut.
Do	in the construction of furnaces for anthracite coal	20	William Church	Boston, Massachusetts.
Do	in the machine for pressing cotton	21	James Boatwright and James Nathans	Richland, South Carolina.
Do	in the umbrella and parasol	22	William Sleeper	Philadelphia.
Do	in making saddle trees	22	George Wilkes	Fredonia, Indiana.
Do	called the domestic spinner	22	Lafford Totten	Schoharie, New York.
Do	in fire arms	24	Fordyce Ruggles	Hardwick, Mass.
Do	in the washing machine	24	Burroughs Beach	New Milford, Conn.
Do	in the locomotive steam saw mill	26	W. G. Berry & J. T. Osborn	Cincinnati, Ohio.

LIST OF PATENTS—Continued.

Inventions, &c.	Date.	Names of Patentees.	Residence.
Do in the grate and blower for Lehigh coal -	1826	S. C. Mott & W. Holmes	New York.
Do in the application of the screw in propelling machinery -	Nov. 26	William H. Godfrey	Rochester, New York.
Do in the mode of making clay pipes -	27	John Bower	East Bethlehem, Penn.
Do in the dairy cooler -	1	David Whitmer	Paradise, Pennsylvania.
Do in the manufacture of silver spoons, &c.	7	William G. Dunham	New York.
Do in the washing machine -	7	David G. Knox	New Brunswick, N. J.
Do in the mode of propelling the cotton gin -	7	Peter Knox	Augusta, Georgia.
Do in the trip hammer -	7	Philip Pitts Read	Mercer, Maine.
Do in the mode of spinning wool, cotton, &c.	7	Seth Boyden	Foxborough, Mass.
Do in the paddle wheel for propelling boats -	8	Wm. F. Kearsing	New York.
Do being a self-feeding brick press -	8	John Winslow	Portland, Maine.
Do in the circular reacting saw -	8	William Avery	Cazenovia, New York.
Do in distilling all kinds of liquor -	8	Norman & Anson Wolcott	Bloomfield, New York.
Do in the mode of sawing veneers, &c.	8	John P. Allen	Manchester, Mass.
Do in the threshing machine -	9	James Hyde	Pembroke, N. York.
Do in the mode of propelling boats and vessels	12	John James Giraud	Baltimore.
Do in the mode of manufacturing wool, &c.	15	John Goulding	Denham, Massachusetts.
Do in the kiln for drying and curing tobacco	18	Edmund Pendleton	Louisa county, Virginia.
Do in the ma. for pressing cheese, cider, &c.	18	Lebbeus Caswell	Harrison, Maine.
Do in the machine for breaking hides -	22	Hezekiah S. Clark	Randolph county, N. C.

Do	in the machine for manufacturing slate	27	James Madison, Porter, and Philip S. Mattes	Easton, Pennsylvania.
Do	in the mode of drawing lotteries	22	John C. Rives	Washington, D. C.
Do	in the machine for planing boards	29	Herman Allen	Randolph county, North Carolina.
Do	in the machine for planting cotton, corn, &c.	26	John Lobdell	Warren county, Missi.
Do	in heating and boiling water, &c.	27	George J. Payne	Lockport, New York.
Do	in the ma. for pressing and packing cotton	28	James H. McClelland	Fairfield district, S. C.
Do	in the ma. for making the hubs of wheels	28	Garretson Lyon	New York.
Do	in the machine for drawing water from wells for cattle	28	Isaac Willbur	Madison, New York.
Do	called the revolving timber plane	28	Daniel N. Smith	Warwick, Massachusetts.
Do	in the marine rail way	28	Richard Ward	New York.
Do	in making hats by the application of steam	29	William Harkins	Wheeling, Virginia.
Do	in the machine for spinning wool, cotton, &c.	29	Seth Boyden	Foxborough, Mass.
Do	in the pendulum motion for machinery	29	Justin Jacob	Montreal, Canada.
Do	in the evolution and management of heat	29	Eliphalet Nott	Schenectady, New York.
Do	in bedsteads	29	Samuel Davis	Catskill, New York.
Do	in the construction of fire-places, furnaces, &c.	29	John W. Booth, and Wm. Lyman	Boston.
Do	in the lithonriptor	30	Isaiah Lukens	Philadelphia.
Do	in the machine for grating corn, apples, &c.	30	Camm Moore	Guilford county, N. C.
Do	called the revolving coal sifter	30	Ths. Borbridge, and An- son Martin	Kingston township, Penn.
Do	in the machine for pressing hay, cotton, &c.	30	David Flagg, & Charles Peck	Gardiner, Maine.

40th CONGRESS,
1st Session.

[Doc. No. 34.]

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PATENTS—1827.

LETTER

FROM

THE SECRETARY OF STATE,

TRANSMITTING

A LIST OF THE NAMES OF THE PERSONS

TO WHOM

PATENTS HAVE BEEN GRANTED

FOR THE

INVENTION OF ANY NEW OR USEFUL ART,

OR

MACHINE, MANUFACTURE, OR COMPOSITION OF MATTER,

OR

ANY IMPROVEMENT THEREON,

FROM JANUARY 1st, 1827, TO DECEMBER 31, 1827.

JANUARY 2, 1828.

Read, and laid upon the table.

WASHINGTON :

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1828.

[Doc. No. 34.]

DEPARTMENT OF STATE,

January 1, 1828.

SIR: In pursuance of the resolution of the House of Representatives, of the United States, dated the 13th of January, 1812, I have the honor of transmitting a list of the names of persons who have invented any new or useful art or machine, manufacture, or composition of matter, or any improvement thereon, and to whom patents have been issued for the same from this office, from the 1st day of January, 1827, to the 31st day of December, 1827, inclusive, with the dates and general objects of such patents; and, also, the residences of the patentees, as far as they could be ascertained.

I have the honor to be,

With great consideration,

Your very obedient servant,

H. CLAY.

To the Hon. the SPEAKER,

*of the House of Representatives**of the United States.*

INVENTIONS, &c.	DATE.	NAMES OF PATENTEES.	RESIDENCE.
Improvement in rolling iron	1827.		
Do in the water gate for pentstocks or flumes	Jan. 3	Abraham S. Valentine	Bellefonte, Centre co. Pa.
Do	9	Henly Potes	Christiansburg. Montgommery county, Va.
Do in making bocs, by rolling cast steel	10	Chauncey Bulkley	Colchester, Conn.
Do in making irons for planes or jointers	10	Charles E. West	Do
Do in the water proof mortar or cement	16	Simeon Guilford	Washington, D. C.
Do in the grist mill	16	Anthony Beucino	Caswell county, N. C.
Do in the plough for planting corn, &c.	16	Hermon Russell	Litchfield, Maine.
Do in the construction of stills	17	Edmund Capen	Boston.
Do called the bearded chisel mortising machine	17	Silas Metcalf	Wilmington, Vt.
Do in charring wood for procuring gases, &c.	17	Samuel I. Jones	Philadelphia.
Do in the method of heating ovens, rooms, &c.	17	Michael B Poitiaux	Richmond, Va.
Do in the mode of making pipes, tubes, &c.	17	Joseph Putnam	Salem, Mass.
Do in the grist-mill	19	William Benbow	Guilford county, N. C.
Do in the mode of generating steam	19	Levi Silliman	Albany, N. Y.
Do in stirrup irons	26	Daniel Powles	Baltimore.
Do in the bedstead, sacking bottom, &c.	26	Do.	Do.
Do in the press for cotton, tobacco, &c.	29	Benjamin R. Curtis	Richmond, Va.

LIST OF PATENTS—Continued.

INVENTIONS, &c.	DATE.	NAMES OF PATENTERS.	RESIDENCE.
Improvement in the machine for planking hats	1827.	Robert Bacon	Boston.
Do in the machine for jointing boards	Jan. 31	Elijah B. Clark	Danascus, Pa.
Do in the lamp for boiling water, &c.	31	Thomas G. Fessenden	Boston.
Do in machines for navigation, &c.	31	John James Giraud	Baltimore.
Do in pumps	1	J. Robinson & Luke Shaw	Bath, Maine.
Do in pedestal feet for andirons	Feb.	Edmund Smylio	New York.
Do in the gun-lock	3	Simon Cromwell	Edgercomb, Maine.
Do in the grist-mill	6	Thomas Newman	Guilford county, N. C.
Do in the machine for cutting straw	6	Thomas Benbow	Do.
Do in the horizontal wind-mill	6	Thomas P. Jones	New Castle, Del.
Do in the machine for shelling corn	7	Thomas Newman	Guilford county, N. C.
Do in boilers for using anthracite coal	7	John Barken	Baltimore.
Do in the chair	9	Jacob Daley	Do.
Do in the machinery for pressing bricks	9	Alfred B. Crossman	Huntington, Suffolk co. NY
Do in the horizontal cast iron paint mill	12	Origen Packard	Wilmington, Vt.
Do in opening and shutting the water gate of mills	12	Do.	Do.
Do in burning lime and brick, and boiling kettles	12	Solomon Hill	New Milford, Conn.
Do in the rocking churn	15	John G. Phillip	Kinderhook, N. Y.
Do called the Wheelright's Assistant	15	John Sitton	Pendleton, S. C.
Do in the mode of packing cotton	16	William C. Thomas	Richmond county, N. C.

Do	in the perpetual kiln for burning lime	15	Abel Jeans	Mill Creek Hundred, Del.
Do	in the method of making copperas	15	Isaac Tyson	Baltimore.
Do	in the apparatus for making harrow teeth	16	William M'Conaughy	New Garden Township Penn.
Do	in the washing machine	17	Chester Stone	Middlebury, Conn.
Do	being a mode of preventing moths from destroying hides &c.	17	Samuel Storm	New York.
Do	in the machine for mixing earth for bricks	17	Benjamin K. Hill	Richmond county, Ga.
Do	in the hay and grain horse rake	17	Moses Penneck & Sam'l Penneck	East Marlboro' Chester county, Penn.
Do	in the machine for pressing cotton, &c.	19	Philemon White	Chatham county, N. C.
Do	in the mode of making locks for doors	20	John Brown & Geo. W. Robinson	Providence, R. I.
Do	in the plough	20	Ryland Rhodes	Charlottesville, Va.
Do	in the percussion gun lock	20	William A. Hart	Fredonia, N. Y.
Do	in the mode of making salt	21	Benajah Byington	Salina, N. Y.
Do	in building vessels, &c.	21	Thos. W. Bakewell	Cincinnati, Ohio.
Do	called a bogging machine	22	Squire Collins	Hillsdale, N. Y.
Do	in the art of inlaying gold in tortoise shell, &c.	22	Uriah Bailey	West Newbury, Mass.
Do	in preparing and finishing andirons	23	Edward Smylie	New York.
Do	in the manufacture of suspenders	22	Abm. L. Van Horn	Philadelphia.
Do	in the pump used for steam boilers	23	Alfred Judson	Sweden, N. Y.
Do	in the manufacture of sofas, &c.	24	Chester Johnson	Albany, N. Y.
Do	in the bee hive	27	Cuthbert Wiggles	Fayette county, Penn.
Do	in the art of finishing paper	28	Ira White & L. Gale	Newburgh, Vt.
Do	in the square for cutting garments	28	James G. Wilson	New York.
Do	in the grist-mill	28	Benjamin Overman	Greensboro' N. C.

LIST OF PATENTS—Continued.

INVENTIONS, &c.	DATE.	NAMES OF PATENTEES.	RESIDENCE.
Improvement in propelling vessels Do in the mode of blowing and striking for blacksmiths	1827. March 2	Elisha Fuller	Providence, R. I.
Do called the combined jacks and breast- work rope-layer	3	Lewis Hoyt & E. Pierce	Pulteney, N. Y.
Do in making watch seals	3	David Myerle	Philadelphia.
Do in making shovels	3	S. Davis, H. P. Babbitt, & B. P. Grinnell	Providence, R. I.
Do in the machine for turning tenons for rake teeth &c	3	Oliver Ames	Easton. Mass.
Do in the mill for grinding apples for cider	5	J. W. Sweet & William Stedman	Berkshire, Mass.
Do in bridges	5	H. E. Paine and S. H. Russell	Le Roy, Ohio.
Do in the machine for shearing cloth	6	William Woodmansee	Kingston, N. Y.
Do in the water wheel for saw-mills	6	James Collins	Anson, Maine.
Do being a machine for cutting metallic and other hard substances	6	Thomas Shute	Tennessee.
Do in the spring-hammer for blacksmiths	7	John H. Hall	Harper's Ferry, Va.
Do in engraving teeth	7	James Rainey	Orange county, N. C.
Do in the composition for making mar- bles, granites, &c.	8	Elijah A. Bigelow	Brandon, Vt.
Do in spur or bevel gearing	7	Louis Matthey	Brooklyn, near N. York.
	9	Charles Neer	Waterford, N. Y.

Do	being crank and wheel dampers for chimneys	-	10	Jas. Bailly & John Flanagan	Waynesburg, Pa.
Do	in the horizontal mill	-	15	Jonathan Reynolds	Town of America, Dutchess county, N. Y.
Do	in the machine for cutting straw, shelling corn, &c	-	15	Calvin Chamberlin	Do.
Do	in making hatters' cards or jacks	-	15	Joseph C. Soely	Dutchess county, N. Y.
Do	in the construction of the feet of brass andirons, &c.	-	15	John Griffiths	New York.
Do	called the Wheelwright's Assistant	-	16	Cyrus W. Beach	Schoharie, N. Y.
Do	called the longitudinal cornsheller	-	16	George E. Waring	Poundridge, N. Y.
Do	in extracting alcohol from common spirits, by steam	-	19	Anson Wolcott & Norman Wolcott	Bloomfield, Ontario co. New York.
Do	called a spring temple	-	19	Alfred Jenks and Jesse Clewell	Holmesburg, near Philadelphia.
Do	in the grist-mill, crusher, and sheller	-	20	John G. Morso	Randolph county, N. C.
Do	in the machine for making brick	-	21	David Rising	Atchester, Vt.
Do	in the mode of pumping water out of vessels, by wind	-	23	Thomas Brownell	New York.
Do	in the construction of domestic cooking stoves	-	24	Joseph R. Page	Philadelphia.
Do	in the croking apparatus	-	24	David Westerfield	New York.
Do	called steelyard lever power	-	24	Samuel Andrews	Bridgetown, Me.
Do	in the twin plough	-	24	Noble G. Cryer	Wentworth, N. C.
Do	in the churn	-	24	Samuel L. Bagley	Hilldale, N. Y.
Do	in the machine for polishing hard and soft substances	-	27	Benjamin Green	Hartford, Vt.
Do	in manufacturing cotton roven	-	28	Gilbert Brewster	Poughkeepsie, N. Y.
Do	in obtaining power by certain fluids	-	30	Mark J. Brunel	London England.
Do	in manufacturing shingles	-	30	Paul Hawes	Lockport, N. Y.

LIST OF PATENTS—Continued.

INVENTIONS, &c.	DATE.	NAMES OF PATENTERS.	RESIDENTS.
Improvement in the horse rake for hay, &c.	1827.	Jeremiah Baily	Philadelphia.
Do in the machine for trimming the edges of paper	31	John McClintic	Chambersburgh, Pa.
Do in the manufacture of tobacco	April 5	John Allen, jr. and Chs. Geoghiegan	Richmond, Va.
Do in making watch keys	8	Joseph S. Davis	Providence, R. I.
Do in the machine for cutting wood for the sides of tubs, &c.	7	Jeremiah Baily	Philadelphia.
Do in the art of carpentering	7	Do.	Do.
Do in the machine for making bonomy	9	Robert Campbell	Martinsburg, Va.
Do in the machine for grinding apples for cider	9	Constant H. Weeks	Paris, Oneida co. N. Y.
Do in the water wheel for a steamboat	10	Robert L. Stevens	Hoboken, N. J.
Do in Grant's winding machine for setting up hat bodies	10	Joseph Grant	Providence, R. I.
Do in the machinery for boring and toning	18	David Sperry	Colchester, Conn.
Do in the spinning machine	21	Nathaniel Reminton	Geneva, N. Y.
Do in propelling machinery of all kinds	23	William Stanton	Centre Township, Union county, Indiana.
Do in the application of steam power in raising water, &c.	24	George Fleming	Goochland C. H. Va.
Do in the common turning lathe	24	William Patrick	Loverett, Frank. co. Ma.

Do	in the machinery for moulding and pressing brick	24	James McDonald	-	-	New York.
Do	in the mode of preserving eggs, butter, &c.	26	Thomas Edmundson	-	-	Pipe Creek, Frederick county, Md.
Do	in manufacturing wool, &c.	27	John Goulding	-	-	Dedham, Mass.
Do	in the machine for making tubes of clay	May 10	John H. Rowell and Henry Wine	-	-	Fredericktown, Pa.
Do	in the scraper or team shovel	12	Gideon Davis and Jeremiah Price	-	-	Lockport, N. Y.
Do	in steam engine boilers, &c.	14	John Poole	-	-	Shetfield, England,
Do	in the construction of the steam boiler	14	Ebenezer A. Lester	-	-	Boaton, Mass.
Do	in the mill for grinding paint	14	Allen Holcomb	-	-	Butternuts, N. Y.
Do	called a portable bedstead	14	Jacob Daley	-	-	Baltimore.
Do	in extracting oil from flaxseed, &c.	14	David Dodge	-	-	Hamilton, Mass.
Do	in marine rail-ways	14	Joseph Webb	-	-	New York
Do	being a safety gate for canals	14	Jacob Van Dorn	-	-	Glen, New York.
Do	in stocks	14	Joseph Towson	-	-	Baltimore.
Do	in the valve cock for hydrants	15	Benjamin Stanciliff	-	-	Philadelphia.
Do	in the horizontal piano	15	Ths. Loud, Jun.	-	-	Do.
Do	in the use of heated air, gases, &c. in the aid of steam power	15	Minus Ward	-	-	Baltimore.
Do	in the method of building wooden bridges with draws	15	Garner Wilkinson	-	-	White Creek, Washington county, N. Y.
Do	in the press for pressing cotton	15	Richard Jernigan	-	-	Waynesborough, N. C.
Do	in the construction of bridges	15	John P. Bakewell	-	-	Pittsburg, Pa.
Do	in the machine for cleaning grain, &c.	18	John Tyler	-	-	Claremont, Cheshire co. New Hampshire.
Do	in the carts for removing earth	18	Jeremiah Price	-	-	Lockport, N. Y.
Do	in air funnel stoves	18	Hiram Wales	-	-	Randolph, Mass.

LIST OF PATENTS—Continued.

INVENTIONS, &c.	DATE.	NAMES OF PATENTERS.	RESIDENCE.
	1827.		
Improvement in the machine for pressing brick	May 18	John Howe	Alma, Lincoln co. Me.
Do in the cast iron plough	18	Robert Sweeny	Warren county, Ohio.
Do in the churn	19	Levi Rosenkrans	Urbana, Steuben co. N. Y.
Do in the coal-grate blower	22	Robert Fuller and Thos. Thomas	New York.
Do in the power-loom, by delivering the yarn uniformly	23	Wm. B. Leonard	Fishkill, N. Y.
Do in the power-loom, by taking up the cloth uniformly	24	Do.	Do.
Do in the machine for crushing corn with the cobs	25	Samuel K. Gauntt	Near Greenville, Green county, Ten.
Do in the water-proof stiffening for hats	25	Stephen Hempstead, Jr.	St. Charles county, Mo.
Do in the mode of applying water power to wheels	26	Rt. & Th. T. M'Culloch	Albemarle county, Va.
Do called the vibrating threshing machine in the evolution and management of beat	26	Moses Pennock	Kennett Square, Chester county Pa.
Do in grist-mills	30	Eliphalet Nott	Schenectady, N. Y.
Do in the machine for bulling and cleaning rice	31	Ab. Delap & Avery Coe	Guilford county, N. C.
Do in supplying an uniform quantity to steam boilers	31	John Campbell	Winnborough, Fairfield district S. C.
	June 1	Isaac Doolittle	Bennington, Vt.

Do	in riding carriages	1	Wm. & Josiah Jessup	-	Guilford, N. C.
Do	in the construction of cast-iron foot stones	2	George W. Robinson	-	New York.
Do	in the saw-mill	4	Anthony Bencine	-	Milton, Caswell, N. C.
Do	in the mode of applying nets to pine-apple cheeses	4	Lewis Mills Norton	-	Litchfield, Conn.
Do	in the grist-mill, by grinding with the periphery of the stone	4	Robert S. Thomas	-	Rockingham, N. C.
Do	in the cotton or hay press	6	Thomas D. Wilson	-	Corydon, Indiana.
Do	in the water wheel	7	Do.	-	Do.
Do	in the churn, &c.	7	Nathan Whitney	-	Augusta, Maine.
Do	in the mode of letting water on water wheels	8	Jacob Ammon	-	Rockingham county, Va.
Do	in the construction of culinary fixtures for anthracite-coal	8	Jacob F. Walters	-	Philadelphia.
Do	in the apparatus for spinning wool and cotton	11	William Church	-	Birmingham, England.
Do	in the bellows	11	Jesse Dixon	-	Pittsboro', Chatham co. N. Carolina.
Do	in the grist-mill, patented by M. Men-denhall	11	Sam. Lawing & James Monteith	-	Statesville, Iredell co. N. Carolina.
Do	in the machine for boring earth	13	John R. Failing	-	Canajoharie, N. Y.
Do	in preparing mortar or grinding ap- ples	12	Ths. Streeter & Jas. S. Wibert	-	Chili, Monroe co. N. Y.
Do	in stills	15	Malcolm M'Gregor	-	New York.
Do	in the steam engine	15	John Maynard	-	Ovid, N. Y.
Do	in the grist-mill	15	William W. Forwood	-	Harford county, Md.
Do	called the sugar-loaf mill	15	Sidney & Portius Moors	-	Mount Tirzah, Person county, N. C.

LIST OF PATENTS—Continued.

INVENTIONS, &c.	DATE.	NAMES OF PATENTEES.	RESIDENCE.
Improvement in making <i>scagliola</i> shining	1827.	Salvatore Pinistri	New York.
Do in the cork cutter	June 18	Luther Hills	Boston
Do in the boot crimping machine	18	Samuel Morehouse	Eastport, Maine.
Do in suspenders	19	Edwin Chesterman	New York
Do in the engine for dividing scales, &c.	19	Lemuel Hledge	Windsor, Vt.
Do in the grist mill	20	William A. Turner	Plymouth, N. C.
Do in the machine for dyeing and polishing leather	27	Samuel Conillard, jun.	Boston.
Do in the machine for sawing shingles, &c.	27	Nathan Swift	Lebanon, Conn.
Do in the washing machine	27	David Beard	Buffalo, N. Y.
Do in the plough	27	William Beach	Philadelphia.
Do in the machine for hewing and hammering stone	27	Charles B. Reed	West Bridgewater, Ms.
Do in the machine for spinning wool	29	Benjamin Lapham	Queensbury, N. Y.
Do called a horse yoke	29	Adolphus Allen	Troy, N. Y.
Do in preventing friction on spindles	6	Johann Gottlieb Sholze	Pickaway Township, O.
Do in percussion gun locks	July 10	Marvell Davis	Mayville, N. Y.
Do in the mortising machine	10	Simon Leroy	Mexico, N. Y.
Do in making steam and rotary wheel engines	10	Francis Harris	Albany, N. Y.
Do in the mode of manufacturing wool, &c.	10	John Goulding	Dedham, Mass.

Do	in the machine for roping and spinning wool, &c.	13	Henry Wilson	-	Pomfret, N. Y.
Do	in taking boats from one level to another	13	Robert P Bell	-	New York
Do	being a cement for roofs or walls of buildings	13	Charles Clinton	-	Do.
Do	in the screw auger	13	Judson Smith	-	Derby, Conn.
Do	in the hand printing press	14	Samuel Conillard, jun.	-	Boston.
Do	in the spindle for spinning cotton, &c.	14	Benjamin Brundred	-	Oldham, Bergen co. N. J.
Do	in the machine for bending the tire of wheels	14	Walter Jones	-	Ashford, Windham county, Conn.
Do	in the rotative piston	15	John M. Cooper	-	Guildhall, Essex co. Vt.
Do	in the mode of hauling earth from canals	15	Oliver Phelps	-	Lansing, Tomp. co. N. Y.
Do	in the grist mill	18	Washington Adams	-	Guilford county, N. C.
Do	in fermenting and distilling spirits	20	Ira Belnap	-	Millersburg, Dauphin co. Penn.
Do	in the manufacture of gas lights from cotton seed	21	Denison Olmstead	-	New Haven, Conn.
Do	in the portable crane for raising brick, &c.	21	Ezk'l Mann & Geo. Hill	-	Rochester, N. Y.
Do	in the grist mill	21	Avery Coe & John Coe	-	Guilford county, N. C.
Do	in the bush for a mill stone	23	Nathan Taylor	-	Urbana, Steuben co. N. Y.
Do	in the mode of making cordage by machinery	25	Robert Graves	-	Brooklyn, N. Y.
Do	in the mode of passing boats up and down elevations in canals	26	Do	-	Do.
Do	in the machine for making coopers' staves ready for the tress hoop	27	Amory Amsden	-	Bloomfield, Ont. co. N. Y.

LIST OF PATENTS—Continued.

INVENTIONS, &c.	DATE.	NAMES OF PATENTERS.	RESIDENCE.
Improvement in the family spinner Do in the construction of railway car- riages	1827. July 27	William W. Jones	Thornville, Perry co. O.
Do in the machine for cutting straw	27	Richard P. Morgan	Stockbridge, Mass.
Do in the machine for cutting grain by horse power	27	L. Durham and John S. Pleasants	Halifax county, Va.
Do called an up-and-down revolving wheel for raising water	28	Do	Do.
Do in the cast iron horse hoe for weed- ing, &c.	28	Henry Miller	Allentown, Pa.
Do called the coach alarm	28	William Carmichael	Sand Lake, N. Y.
Do in the manufacture of hollow wooden ware	30	Walter Hunt	New York.
Do in the method of cooling fluids	30	Eliaba Briggs	Perry, Genesee co. N. Y.
Do called the chimney smoke and safety valve	31	William Thornton	Washington, D. C.
Do in the mode of moving brick, stone, &c.	31	Joseph H. Schreiner	Philadelphia.
Do in the harrow and plough hoe	31	Simeon Brown	New York.
Do in the harrow and plough hoe	31	Isaham Cheatham	Providence Inn, Ches- terfield co. Va.
Do in the machine for cutting card teeth	Aug. 1	Joshua Lamb	Leicester, Mass.
Do in the tide mill	1	Robert Spedden	Talbot county, Md.

Do	in the machine for dressing and drilling stone	3	Hermon Bourne	-	Salem, Mass.
Do	called the sack shoulderer	3	Lewis Rice	-	Clarkaboro', Gloucester county, N. J.
Do	called the economical victualler	4	Benj. C. Burdett	-	New York.
Do	in the mode of tightening bed sacking	10	John K. Simpson	-	Boston.
Do	called the sea island cotton cleaner	10	Jesse Reed	-	Marshfield, Mass.
Do	in the threshing, winnowing, and flax breaking machine	11	Edmund Warren	-	New York.
Do	for removing stumps and other heavy and fixed bodies	17	Abijah Pratt	-	Jackson. Washington county N. Y.
Do	in the steam engine	17	Warren P. Wing	-	Greenwich Village, Ms.
Do	in the machine for threshing and breaking flax. &c.	20	Peter Barker	-	Worthington, Ohio.
Do	in the right and left plough	20	George Dofler	-	Fredericktown, Md.
Do	in the method of determining the strength of liquors	20	William Cornell	-	Brooklyn, N. Y.
Do	in the water wheel for saw and grist mills	22	James Deuiston	-	Lanier Township, Probable co. Ohio.
Do	in the sofa bedstead united	22	John R. Penniman	-	Boston.
Do	in the gearing of cones for bowing hats	22	Truman F. Mayhew	-	Do.
Do	in plane stocks of cast iron	24	Hazard Knowles	-	Colchester, Conn.
Do	in the composition to start the animal oil which wool contains	24	John Goulding	-	Dedham, Mass.
Do	in the mode of manufacturing wool	24	Do	-	Do
Do	in the mode of scouring and washing clothes	24	Do	-	Do.
Do	in the mode of throwing the shuttle in weaving	24	Do	-	Do.

LIST OF PATENTS—Continued.

INVENTION, &c.	DATE.	NAMES OF PATENTEE.	RESIDENCE.
Improvement called the accelerating washer	1827.		
Do in making aqueducts of water proof lime	Aug. 29	Moses Cass	Caroline, N. Y.
Do	29	John M. Denham	Bridgewater, N. Y.
Do	30	Horace Baker	North Salem, West Ches- ter county, N. Y.
Do	30	John M. Aiken	Philadelphia.
Do in the construction of boats	31	Thomas Thorpe	Washington, D. C.
Do called the two-edged saw	31	M. Cass and A. Bull	Caroline, Temp.co. N. Y.
Do called a pitch syringe	31	Daniel Flint	Nobleboro', Maine.
Do in the hydraulic elevator	31	David Corey	New York.
Do in the carding machine	Sept. 8	John Tillon	Newtown, Conn.
Do in the machine for moulding brick and tile	8	Ezra Fisk and Benja- Hinkley	
Do in the magazine percussion gun-lock	11	James B. Lowry	Payette, Maine.
Do in the machine for separating the hair from fur	11		Mayville, N. Y.
Do called the open screw water-wheel	11	John MacDonald	New York.
Do in the cast iron bark mill	13	Elijah Skinner	Sandwich, N. H.
		William Torrey	Westbrook, Cumberland county, Maine.
Do in the churn	13	Daniel Sheldon	Pulteney, Steub. co. N. Y.
Do called the propelling water paddle	18	John James Giraud	Baltimore.
Do in the mode of tanning leather	18	Ormond Cogwell	Cincinnati, Ohio.

Do	in the hoe, called the prong hoe	20	Joseph Wilson	-	Marlborough, N. H.
Do	on Hawe's machine for making shingles	20	George A. Hoad	-	Antwerp, Jefferson county, N. Y.
Do	in the fanning mill	20	Enoch Walker	-	Springfield 4 corners, Pa.
Do	in the machine for cutting shingles	20	George W. Dana	-	Lowville, Lewis county, N. York.
Do	in a composition for preventing scurvy	28	James U. Armour	-	Fredericktown, Md.
Do	on I. Johnson's saw mill	28	Anson B. Graham	-	Lee, Mass.
Do	in the washing machine	28	Franklin Kellsey	-	Middletown, Conn.
Do	called a spring saw-set	4	John Boggs	-	Philadelphia.
Do	in the printing press	5	Samuel Conillard	-	Boston.
Do	called a power-gained lever	5	Edward G. Fitch	-	Blakely, Ala.
Do	in the threshing machine	5	Ebenezer B. Pike	-	Litchfield, Maine.
Do	in making pressed glass knobs at one operation	6	John Robinson	-	Pittsburg, Pa.
Do	in the flexible rack for marine railways	6	Jesse Wood and Paul A. Sabbatham	-	New York.
Do	in hydraulics	6	Jacob Roup	-	Kenhawa county, Va.
Do	in the cast iron sleigh shoe	6	Edward Trask	-	Sangerfield, Oneida co. N. York.
Do	in the machine for mortising and tenoning timber	8	John McClintic	-	Chambersburg, Pa.
Do	in the machine for making plastering laths	9	Ths. Wright and Abm. P. Howell	-	Cincinnati, Ohio.
Do	on Dearborn's balance	10	Samuel Blaisdel	-	Lancaster, Ohio.
Do	called the screw cradle for raising ships, &c.	12	Charles Miner	-	Lyme, Conn.
Do	in the lever percussion gun-lock	16	John Ambler, jun.	-	South New Berlin, N. Y.
Do	in the moulds for pressing glass	16	Phineas C. Dummer	-	Jersey City, N. J.

LIST OF PATENTS—Continued.

INVENTIONS, &c.	DATE.	NAMES OF PATENTERS.	RESIDENCE.
Improvement in the combination of moulds in forming glass	1827. Oct. 16	G. Dummer, P. C. Dummer, & J. S. Maxwell	Jersey City, N. J.
Do in the verticle bucket in propelling boats	17	Stacy Costill	Philadelphia.
Do being a bobbin tube for spinning cotton	18	Benj. Hutchinson	Do.
Do in propelling machinery by weight	19	Cain Broyles	Tellico, Ten.
Do in the trip-hammer propelled by the foot	19	Ebenezer Pierce & Jos. Hathaway	Pulteney, N. Y.
Do in the mode of heaving down vessels	23	John Crowninshield	Salem, Mass.
Do called the mechanical type caster	26	John Sturdevant & Edwin Starr	Boston.
Do in the water-proof stiffening for hats	30	Stephen Hempstead, jr.	St. Charles county, Mo.
Do in the machine for cutting corks	30	George Rawlings	Philadelphia.
Do in the application of the escape heat of the steam engine	30	Alexander Brown	Salina, N. Y.
Do in biting the figures on steel cylinders for calico printers	30	D. H. Mason & M. W. Baldwin	Philadelphia.
Do in distilling	30	William J. Cocke	Surrey county, Va.
Do in the planing machine	Nov. 1	Josiah Rehm	Savage Factory, Md.
Do in the construction of clocks	6	Harrison G. Dyar	New York.
Do in cast iron hubs for wheels	6	Benjamin Lyman	Manchester, Conn.

Do	in the method of cleaning and polishing rice	6	Elijah Wildor	-	Jersey City, N. J.
Do	in the machines for cutting the fur from skins	10	Charles C. K. Beach	-	Portland, Maine.
Do	in the percussion gun-lock	10	Joseph Shattuck	-	Jefferson county, Ohio.
Do	in making moccasins water-proof	10	John Syms	-	New York.
Do	in the mode of letting water on water-wheels	10	Michael Hildebrand	-	McMinn county, Ten.
Do	in the retention and discharge of fluids	10	Bradford Seymour	-	Westmoreland, N. Y.
Do	in the Kent bugle	10	Richard Willis	-	West Point, N. Y.
Do	in the machine for making shingles	10	Oliver Wheeler	-	Rochester, N. Y.
Do	in the mode of imitating all kinds of marble	13	Benjamin Trembloy	-	New York.
Do	in making side and neck combs	15	Uriah Bailey	-	West Newbury, Essex county, Mass.
Do	in the hydrostatic steam cradle	16	Charles Miner	-	Lyme, Conn.
Do	in rolling the backs of combs	17	Nathaniel Bishop	-	Danbury, Conn.
Do	called the "frame chain,"	19	David Leslie	-	New York.
Do	in making leather water-proof	19	David Kizer	-	Do.
Do	called the improved reciprocal saw-mill	23	William Kendall, jun.	-	Waterville, Maine.
Do	in the machine for washing clothes and shelling corn	23	Benjamin Rice	-	Denmark, Lewis co. N. Y.
Do	in using the scape-steam of an engine	Dec. 3	Davis Embree	-	New Richmond, Ohio.
Do	in the machine for turning rake and hoe handles	3	Wm. Shepardson & Jos. C. Sperry	-	Hamilton, N. Y.
Do	in the vest spring and stiffener	5	James G. Shute	-	Boston.

LIST OF PATENTS—Continued.

INVENTIONS, &c.	DATE.	NAMES OF PATENTEES.	RESIDENCE.
Improvement in the construction of four-wheel carriages	1827.		
Do in the machine for punching copper	Dec. 6	Theodorick Brooks and D. W. Eames	Rutland, N. Y.
Do in the mode of holding boots or shoes whilst pegging	6	William Ballard	Boston.
Do in the machine for breaking flax	8	Samuel Nourse	Danvers, Mass.
Do in slinging the yards of vessels	11	Henry Schoonhoven	Pulteney, Steub. co. N. Y.
Do in the saw-mill	11	Isaac Carver, jun.	Prospect, Maine.
Do in the grist-mill	11	Benj. Overman	Greensboro', N. C.
Do in warming rooms	11	James Robinson	Bucksakin Township, Ross co. Ohio.
Do in the common hand rake for hay, &c.	15	A. McAllester and John Iggett	Salem, Wash. co. N. Y.
Do in the machine for cutting fur	19	Ambrose Foster	Auburn, N. Y.
Do in the tread-wheel	20	Michael Petre	Womelsdorf, Pa.
Do in the machine to propel vessels at sea, &c.	22	Cornelius Watson	Addison Township, O.
Do in the art of distilling	22	Elijah Bryan	New York.
Do in the common spectacles and single eye-glasses	22	James Lusk	Butler county, Ohio.
Do in the barshear plough	22	S. Newton	Washington, D. C.
Do in the machine for turning rake handles	24	Eli Pugh	Chatham county, N. C.
	26	Anson Sperry	Rotterdam, Schenectady county, N. Y.

Do	called the sliding plane turner	-	Jonathan Sparrow	-	Portland Maine.
Do	in the machine for spinning cotton bagging	-	John C. Dowess	-	Mason county, Ky.
Do	in the mortising machine	-	Abel Greenleaf & Hollis Amidons	-	Mexico, Oswego county, N. York.
Do	in cast iron shives for shipping	-	Francis Seymour	-	Plymouth, Mass.
Do	in the plough for planting cotton	-	Bird Murphy	-	Union District, S. C.
Do	in the reciprocating saw-mill	-	William Kendall	-	Waterville, Maine.

A.

PATENTS—1828.

LETTER

FROM

THE SECRETARY OF STATE,

TRANSMITTING

A List of Patents, with the names and residence of the Patentees, granted for the invention of any new or useful art or machine, manufactures, or composition of matter, or improvement thereon, from the first of January to the thirty-first of December, 1828, inclusive.

JANUARY 8, 1829.—Read, and laid upon the table.

DEPARTMENT OF STATE,

January 1, 1829.

SIR: In pursuance of the resolution of the House of Representatives of the United States, dated the 13th of January, 1812, I have the honor of transmitting a list of the names of persons who have invented any new or useful art or machine, manufacture, or composition of matter, or any improvement thereon, and to whom patents have been issued for the same from this office, from the 1st day of January, 1828, to the 31st day of December, inclusive, with the dates and general objects of such patents; and also the residence of the patentees, as far as they could be ascertained.

I have the honor to be, with great consideration, your very obedient servant.

H. CLAY,

To the Hon. the SPEAKER

of the House of Representatives of the United States.

A LIST OF PATENTS for the year ending on the 31st December, 1929.

INVENTIONS, DISCOVERIES, &c.	DATE.	NAMES OF PATENTERS.	RESIDENCE.
Improvement in making for locks in canals -	1928. Jan. 4	Daniel Rodgers	Little Falls Town, Herkimer county, N. York.
Do in the hydrostatic and hydraulic elevator	5	James McCreary	Noblestown, Alleghany co. Pennsylvania.
Do in the machine for churning -	10	Samuel H. Baker	Well's Township, Bradford county, Pennsylvania.
Do in manufacturing artificial stone -	16	Robt. M. Kay, Donald M'Kenzie, Jos. Woodhull	Caledonia, Livingston co. N. York.
Do in the tubular steam generator -	17	Reid R. Throckmorton	New York.
Do in the machine for dressing flax and hemp	17	John C. Wenzle	Louisville, Kentucky.
Do in generating inflammable gases from anthracite coal -	19	Minus Ward and Richd. Wilmot Hall	Baltimore.
Do in the common turning lathes -	19	Jefferson Moore	Leverett, Franklin co. Mass.
Do in the vibrating machine for napping cloth -	21	Samuel Duncan	Northampton, Montgomery county, N. York.
Do in making leather and cloth water proof -	21	J. L. Comstock	Hartford, Connecticut.
Do in the floating excavator -	22	Harvey W. Campbell	Lockport, N. York.
Do in suspending the yards of vessels -	23	Samuel Adams Wells	Boston.
Do in the machine for making barrels, &c. -	24	Wm. & Marcus Adams	Ogden, Monroe co. N. Y.
Do in the mortising machine -	24	John J. Kellogg	Richmond, Oswego county, N. York.
Do in the spring saddle -	24	Thomas Harvey	Middletown, Delaware.

Do	in the screw water wheel -	-	23	Ebenezer Beard	-	Charlestown, Mass.
Do	in the plough -	-	25	William Wiard	-	Avon, Livingston county, New York.
Do	in the cooking stove -	-	25	Robert C. Rouse	-	Athens, Green county, N. York.
Do	in the hay press -	-	25	Moses B. Bliss	-	Pittstown, Kennebeck coun- ty, Maine.
Do	in the grist mill -	-	28	William L. Taylor	-	M-Minn county, Tenn.
Do	in the machine for making brick -	-	29	David Rising	-	Colchester, Chittenden co. N. York.
Do	in the steam engine -	-	29	Simcon Broadmeadow	-	New York.
Do	in the spring teeth rack frame steam engine	-	1	William Willis	-	Charleston, S. Carolina.
Do	in making an oil paint for plastered houses	-	2	Alexander Thompson	-	Bethany, N. York.
Do	in rheumatic pills	-	2	Ezra Deano	-	Biddeford, Maine.
Do	in pressing horns for combs with steel plates	-	2	Uriah Bailey	-	West Newbury, Mass.
Do	being a remedy for dysentry, dyspepsia, &c.	-	2	Truman Powell	-	Burlington, Vermont.
Do	in the machine for packing cotton	-	4	William J. Cocke	-	Cabin Point, Sussex coun- ty, Virginia.
Do	in the mode of distilling spirituous liquors	-	4	Do.	-	Do.
Do	in the excavator, or self loading cart	-	5	Waldren Beach	-	Philadelphia.
Do	in the printing press	-	7	John C. Holbrook and Elihu H. Thomas	-	Brattleborough, Vermont.
Do	in the printing press	-	7	John C. Holbrook and Elihu H. Thomas	-	Brattleborough, Vermont.
Do	in hubs for carriage wheels	-	8	Hercules Thomas	-	Midway, Norfolk co. Mass.
Do	in the machine for breaking and dressing flax and hemp	-	8	Evans Christian	-	Town of Philada. Jefferson [county, N. Y.
Do	in the machine for junking ivory by steam, &c.	-	9	Linus Pratt and Fenner Bush	-	Meriden, N. Haven co. Ct.
Do	in the machine for thrashing grain & grass seed	-	9	David W. Webster	-	Amesbury, Mass.

LIST OF PATENTS—Continued.

INVENTIONS, DISCOVERIES, &c.	DATE.	NAMES OF PATENTEE.	RESIDENCE.
Improvement in stoves, chimneys, furnaces, &c.	-	-	-
Do in the machine for cutting straw	Feb. 10	John J. Giraud	Baltimore.
Do in the high pressure steam engine	11	Warren Conmins	Livingston county, N. Y.
Do in the graining machine	11	Isaiah Jennings	New York.
Do in the machinery for slitting ivory	13	Philo Pratt	Meriden, Connecticut.
Do in the specific steam engine	13	Do	Do.
Do in the machine for separating and collecting gold, &c.	13	Augustus S. Kirk	Smithfield township, Jefferson county, Ohio.
Do called the apple grater	13	William H. Folger	Spartanburg district, S. C.
Do in the canal steamboats	13	Uri Emmons	New York.
Do called an apparatus for cooking, &c.	14	John F. Wright	Erie, Pennsylvania.
Do in the mode of drawing lotteries	15	Ezekiel E. Bennett	Kingsbury, Wash'n co. N. Y.
Do in the thrashing machine	15	William E. Spalding	Brooklyn, Conn.
Do in the machine for sawing and polishing marble	18	Elias B. Hort	Charleston, S. C.
Do in the machine for swinging flax	18	Archibald McAllister	Salem, Wash'n co. N. Y.
Do in the water wheel	20	Samuel Achey	Heidelberg township, Lebanon county, Penn.
Do in the mode of fastening window shutters	19	Joseph Torrey	Ravenna, Portage co. Ohio.
Do in the hammer for cutting & dressing stone	20	Truman Hartholmew	New York.
Do in preparing cotton-yarn wicks for candles	21	Joseph Richards	Braintree, Norfolk co. Mass.
Do in the spiral water wheel	21	George Dickinson	New York.
Do in the mode of filtering water	21	James Kelly	Jackson county, Ohio.
Do in the machine for thrashing rice	23	Christopher Hall	Norfolk, Virginia.
Do	22	Edmund Warren	New York.

Do in cast iron window sashes - - -
Do in steam boilers - - -
Do in the machine for spinning wool, &c. - - -
Do in the mode of making shovels, scythes, &c. - - -

Do in the grist mill - - -
Do in the thrashing machine - - -
Do in the cooking stove - - -
Do in making carriage bodies - - -
Do in the mode of curing tobacco - - -
Do in the lever for working horse mills - - -
Do in making tongs from cast iron - - -
Do in the thrashing machine - - -
Do in clarifying the juice of the cane - - -
Do in the material for making paper - - -
Do in the machine for raising vehicles - - -
Do in the construction of ploughs - - -
Do in generating steam gas, or vapor - - -
Do in the mode of applying water in propelling machinery - - -
Do in the machine for bending sheet iron boilers, &c. - - -
Do in making cast iron shoes for sleighs, &c. - - -
Do in the grist mill - - -
Do in the machine for boring rocks - - -
Do in the application of steam - - -
Do in carriages - - -
Do in the mode of propelling boats, &c. - - -
Do in the construction of wash stands - - -

Isaac McNary -
James G. Wilson -
Theodore Thos. Abbot -
Eliz. H. Bulkeley, widow of Chauncey Bulkeley -
Samuel Holland -
Michael First -
Daniel G. Garnsey -
Jesse Reeder -
Martin and Thos. Baker -
John Galbraith -
Enos H. Buell -
William Loomis -
William J. McIntosh -
William Magaw -
Hezekiah Salisbury -
Richard Loveridge -
Ebenezer A. Lester -
George Morgan Gibbs -
Calvin Post -
Ichabod Arnold -
Admiral Warren -
Israel Overall -
Joseph Skinner -
Thomas Knox -
Timothy Davis -
John Williams -

Stafford, Connecticut.
New York.
Greenland, N. Hampshire.
Colchester, Conn.
Hanover, Columbia co. O.
Uniontown, Maryland.
Pomfret, Chataque co. N. Y.
Lebanon, Warren co. Ohio.
Louisa county, Virginia.
Maury county, Tenn.
Marlborough, Conn.
Springfield, Oswego county, Georgia.
Meadville, Crawford co. Pa.
Springfield, Mass.
Knox county, Ohio.
Boston.
Prince Wm.'s parish, S. C.
Springport, Cayuga co. N. Y.
Oswegatchie, New York.
Saugerties, Ulster co. N. Y.
Liberty, Smith co. Tenn.
Mantua, Ohio. [Va.
Sniggersville, Loudon co.,
Lawrence, Dearborn county,
Baltimore. [ty, Ind.

LIST OF PATENTS—Continued.

INVENTIONS, DISCOVERIES, &c.	DATE.	NAMES OF PATENTERS.	RESIDENCE.
improvement in the trip hammer	Mar. 17	Levi Rosenkrans	Town of Big Flats, Tioga county, N. Y.
Do in the machine for shelling corn	18	John Brown	Providence, R. I.
Do in piano fortes	18	C. F. L. Albrecht	Philadelphia.
Do in moulding and pressing bricks	19	David Flagg, Jun.	Gardiner, Maine.
Do in the machine for washing clothes, churning, &c.	21	Rufus R. Palmer	Caroline township, Tompkins county, N. Y.
Do in the satinnet power loom	22	Rich'd Mitchell and Nathaniel Butterworth	Troy, Bristol co. Mass.
Do in the mode of applying the Archimedian screw in raising water	25	Perry Harris	Preble county, Ohio.
Do in the evolution and management of heat	26	Eliphallet Nott	Schenectady, New York.
Do in the machine for grinding bark	27	Aaron Bull	Caroline, Tompkins co. N. Y.
Do in the washing machine	28	Do	Do.
Do in the tools for cutting seal leather	28	Luke Marble	Henrietta, Monroe co. N. Y.
Do in the machine for boring pump logs, &c.	31	Samuel Draper	Camillus, Canandaigua co. N. York.
Do called the gang saw shingle machine	April 2	Cheney Read	Western, Mass.
Do in constructing bellows or blowing machines	3	Elijah Brady	Mount Pleasant, West Chester co. N. Y.
Do in the manufacture of cooper's work being an oven for baking over a cooking furnace	3	Hiram Waters	Watertown, Jeff. co. N. Y.
Do	5	Eli Moody	Northfield, Franklin county, Mass.

INVENTIONS, DISCOVERIES, &c.	DATE.	NAMES OF PATENTEES.	RESIDENCE.
Improvement in the churn	April 28	Edward Spain	Mount Holly, Burlington co. N. J.
Do in the machine for spinning wool, cotton, &c.	24	Arthur Critchfield	Union Township, Licking co. Ohio.
Do being a composition for making roofs fire	25	David Greer	Pittsburg, Pa.
Do and water proof	25	William Linn	Danville, Pittsylvania co. Virginia.
Do in the lever press	26	John Deats	Middletown, Bucks co. Pa.
Do in the plough	26	Francis L. Hadenberg	New York.
Do in the portable oven	28	Peter Cooper	New York.
Do in the mode of converting alternate rectilinear in rotary motion	28	Isaiah Call	Woodstock, Windsor county, N. Y.
Do in saw mills	29	John Vreeland	New York.
Do being an oyster platform	29	George W. Cartwright	Mount Pleasant, Westchester co. N. Y.
Do in the printing machine, or roller press	29	Theophilus Packard	Shelburn, Franklin county, Mass.
Do in the process of testing leaden pipes for conveying water	29	William Hoyt	Vernon, Jennings co. Ind.
Do in the corn shelling machine	30	Alexander Marshall	Pikeland Township, Chester co. Pa.
Do in the saddle	May 1	Joseph Eve	Augusta, Geo.
Do in metallic bands for communicating motion, &c.	May 1	Phineas Slayton	Lockport, New York.
Do being a machine for sawing hoops, basket stuff, &c.	1	Eli M. Gibbs	Chenango county, N. York.
Do on Isaac Leavitt's washing machine	1		

Do	in the mode of raising and lowering canal boats	1	William Wiard	Avon, Livingston co. N. Y.
Do	in the washing machine	1	Moses P. Parker	Lowville, Lewis co. N. Y.
Do	in the spring and valve marine propeller	2	William Willis	Charleston, S. C.
Do	in the construction of bedsteads	2	Silas Hyde	Arcadia, Wayne co. N. Y.
Do	in the percussion lock for fire arms	3	Oren Moses	Malone, Franklin co. N. Y.
Do	in the machine for cutting plugs for vessels	3	Jas. Josselyn, (re-issued)	New York.
Do	in the machine called the wheelwright's fellow-latho	5	John Sitton and James A. Black	Columbia, S. C.
Do	in the rope-reeding machine	5	Abraham Boring and Wm. W. Jones	Thornville, Perry co. Ohio.
Do	in the double shooting gun or rifle	5	Silas Mosher and Noble White	Hamilton, Madison co. N. Y.
Do	in percussion gun locks	8	Jedediah Caswell	Manlius, Onondaga co. N. Y.
Do	in the cooking stove	9	Abraham Fisher	Claremont, Sullivan co. N. H.
Do	in the water wheel	9	John Bell	Sycamore Township, Hamilton co. Ohio.
Do	in the machine for breaking hemp	12	John S. Van de Graaff	Scott co. Ky.
Do	in the machine for spinning wool and cotton from the roll	12	William R. McCall	Knox co. Indiana.
Do	in making clay pipes	13	Thomas Wickersham	Newbury, York co. Pa.
Do	in tanning and manufacturing hides into leather	13	Ebenezer Shove and Thomas Hunt	Locke, Cayuga co. N. Y.
Do	in making glass furniture, knobs, or handles	14	Thos. and John P. Bakewell	Pittsburg, Pa.
Do	in the boilers of steam engines	14	James P. Attairo	New York.
Do	in the machine for cutting leather in making shoes	15	George P. Mitchell	Burlington, N. Jersey.

LIST OF PATENTS--Continued.

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INVENTIONS, DISCOVERIES, &c.	DATE.	NAMES OF PATENTERS.	RESIDENCE.
Improvement in the mortar for pounding rice	May 17	John Ravenel	Charleston, S. Carolina.
Do in distilling spirits from grain and fruit	17	Jacob Hugas	Hempfield township, Westmoreland co. Pa.
Do in the machine for cutting pegs	22	Hezekiah Thurber	Town of Painted Post, Steuben co. N. Y.
Do in the mode of making shingles by machinery	22	Stilman How and Chas. Chaffin	Holden, Worcester co. Mass.
Do in the saw frame for sawing veneers	22	Benjamin Crehore	Milton, Mass.
Do in the copperplate printing press	22	Cyrus Durand	New York.
Do in preparing vegetable substances for making paper	22	William Magaw	Meadville, Crawford co. Penn.
Do in the machine for cutting wooden screws	22	Stephen Treadwell	Weston, Fairfield co. Ct.
Do in the thrashing machine	23	Norton Case	North Granville, Licking co. Ohio.
Do in the mode of pressing oil out of flaxseed, &c.	24	Charles Howe, Fred'k Brewster, and John Johnson	Burlington co. Vermont.
Do in the machine for making horse shoes	24	Robert E. Hobart	Pottstown, Montgomery co. Penn.
Do in the percussion gun lock	24	Joseph Lawrence	New Berlin, Chenango co. N. York.
Do in the washing machine	24	Joseph Hancock	Maysville, Masou co. Ky.
Do in the marine railway	26	John H. Green	Providence, R. Island.
Do in the bain-marie for refining sugar, &c.	29	Wm. Aug. Archibald	New York.

Do	in the double boiler for refining sugar, &c.	29	Do	Do	Sangerfield, Oneida co. N. Y.
Do	in the filtering apparatus for refining sugar	29	Do	Do	New London, Connecticut.
Do	in the mill for breaking and grinding tan- ner's bark	29	John Montgomery	-	New York.
Do	in the gun lock	29	Nathaniel Saltonstall	-	Brooklyn, N. York.
Do	in the cylindrical printing press	29	Charles G. Williams	-	Baltimore.
Do	in manufacturing hat bodies by machinery at one operation	31	George L. Thatcher	-	Mexico, Oswego co. N. Y.
Do	in machinery for propelling ships and other vessels	31	Anthony Hermange	-	Painesville, Geauga co. O.
Do	in water wheels for mills	June 5	Abel Greenleaf	-	Watertown, Jefferson co. N. York.
Do	in the machine for striking brick	7	Eb'r and Dan'l W. Duty	-	Slaterville, Tompkins co. N. York.
Do	in the machinery for making barrels, kegs, &c.	9	Nat'l Goodall and Loron Tainter	-	Newburyport, Mass. Watertown, Jefferson co. N. York.
Do	in the churn and washing machine	16	Daniel Read	-	Fredonia, Chataque co. N. York.
Do	called the drum sacking bedstead	16	Hervey Wilbur	-	Nashville, Tennessee.
Do	in the Franklin or open stove	16	William Cowan	-	Warren, Trumbull co. O.
Do	in making spirituous liquors from still slop	17	David White	-	Dublin, Ireland.
Do	in the armed saw frame	18	Samuel Sperry	-	Oakum, Worcester co. Mass.
Do	in the grist mill	19	Joseph Crail	-	Gosport, Norfolk, Virginia.
Do	called Talbot's atmospheric propelling en- gine	21	Edward Allen Talbot	-	New York.
Do	in the machinery for making casks, bar- rels, &c.	21	John Hale	-	
Do	in the mode of fixing the mariner's compass	23	Lemuel Langley	-	
Do	called the dormant balance, for the spine	23	James K. Casey	-	

LIST OF PATENTS—Continued.

INVENTIONS, DISCOVERIES, &c.	DATE.	NAMES OF PATENTEE.	RESIDENCE.
Improvement in setting stills, boilers, kettles, &c.	June 24	John Miller and Benton Clemmons	Clemmonsville, Davison co. N. Carolina.
Do in the carrier's knife	26	Isaac H. Harrington	Albany, New York.
Do in the mule for spinning cotton	26	Thomas Walker	Chester county, Penn.
Do in raising vessels for repairing	26	John H. Greene	Providence, R. Island.
Do in the domestic spinner	27	Edward Penny	Adams, Jefferson co. N. Y.
Do in drops for the cure of coughs, colds, &c.	30	Daniel E. Smith	Cornwall, Litchfield co. Ct.
Do in making leather water-proof	30	Abraham Straub	Milton, Pennsylvania.
Do in medicine	July 2	John Dent	Augusta, Georgia.
Do in the construction of ways for drawing up vessels	7	Amasa Miller	New London, Connecticut.
Do in the wind wheel	8	Abner Murray	Athens, Bradford co. Penn.
Do in attaching tubes to boilers for generating steam	8	Gideon Freeborn	New York.
Do in the machine for dressing and jointing staves	12	Levi Benton	Hanover, Chatauque co. N. Y.
Do in the self-adjusting spring for window blinds	14	Holly Seely	Unadilla, Otsego co. N. Y.
Do called the rotary washer	15	Calvin Post	Springport, Cayuga co. N. York.
Do in the machine called the longimeter	16	Abel Bayrd	South Reading, Middlesex co. Mass.
Do in the machine for making paper in the sheet	17	Marsden Haddock	New York.
Do in the application of power to the pump	17	Noah Underwood	Baltimore co. Maryland.

Do	in the machine for thrashing and cleaning grain	19	Asa Nourse	-	Beaufort, S. Carolina.
Do	in the means of transport and conveyance	21	John J. Reckers	-	Baltimore.
Do	called the universal drub	22	Samson Felton	-	Killbuck township, Holmes co. Ohio.
Do	in the machine for making siding lathe	23	Levi Rice	-	Lockport, New York.
Do	in the self-acting press for pressing cheese, &c.	24	D. Hitchcock & C. Stone	-	New York.
Do	in cloth for boots of stages, &c.	28	Peter Laporte	-	Augusta co. Virginia.
Do	in the gin feeder	29	Joseph Eubank, jr.	-	Glasgow, Barron co. Ky.
Do	in the machine for shelling corn	29	Philip Grosjean	-	Louisville, Kentucky.
Do	in distilling	30	Thomas Lawes and P. Grosjean	-	Louisville, Kentucky.
Do	in cast iron hammers	31	Thomas Jones	-	Glason-tonbury, Conn.
Do	on P. Slayton's machine for sawing hoops, &c.	31	Nicholas Bratt	-	Lockport, New York.
Do	in the hydrant fountain	Aug. 1	Lewis Gouley	-	Philadelphia.
Do	called the signal lamp	1	Joseph Feinour and Joseph Feinour, jun.	-	Philadelphia.
Do	in the washing machine	2	Simon Willard, jun.	-	Cincinnati, Ohio.
Do	in raising and lowering canal boats on inclined planes	5	William Knight	-	Morristown, New Jersey.
Do	in the thrashing machine	5	Matthew Barney	-	Nantucket, Massachusetts.
Do	in the construction of breakfast and dining tables	6	Peter Barker	-	Worthington, Franklin c.O.
Do	in the curvilinear saw-mill	7	Daniel Baker	-	Ipswich, Massachusetts.
Do	in the machine for reaping and thrashing grain	8	Samuel Lane	-	Hallowell, Maine.
Do	in the construction and application of the quadruple forcing pump	12	Ira Ferris	-	Ellicott, Chatauque county, New York.

LIST OF PATENTS--Continued.

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INVENTIONS, DISCOVERIES, &c.	DATE.	NAMES OF PATENTERS.	RESIDENCE.
Improvement in the mode of propelling vessels	Aug. 13	Hull Case	Norwalk, Huron co. Ohio. New York.
Do in the method of ruling paper	13	Cayetano Lanza	
Do in fitting hammer heads for pianos	14	John Mackay	
Do in the washing and pressing machine	14	Henry Averill	
Do in the roller printing press	16	Joshua Laird	Richland, Oswego county, New York.
Do in the apparatus for propelling vessels	16	Benjamin Phillips	
Do in the check and plaid power loom	19	H. Burt, O. D. Boyd, and A. H. Boyd	
Do in the horizontal windmill	19	Walter Ingalls	
Do in the machine for sawing hoops, lath, &c.	19	Isaac Price, jun.	Sambornton Bridge, Straf- ford co. New Hamp. Lockport, New York.
Do in the mode of raising water from wells, &c.	20	Samuel Smith	
Do in the process of casting printers' types	21	William M. Johnson	
Do in the boiler or steam generator	21	Lemuel M. Richards	
Do in the manufacture of mats from Manila, &c.	22	Samuel S. Williams	Ciaquirin river, Cuyahoga county, Ohio. Roxbury, Massachusetts.
Do in the churn	22	Joseph Hathaway	
Do in the machine for planting grain, &c.	22	Orson Starr	
Do in the machine for making shingles	25	Danforth Wilder	
Do in the machine for boring earth	25	John R. Failing	Rome, New York. Canajoharie, New York. Lockport, New York.
Do called a slitting gauge for laths, hoops, &c.	25	Benjamin K. Crandell	
Do in boot trees	25	Henry B. Miller	
Do in the mode of managing honey bees	26	Francis Kelsey	
Do in the construction of sifters	27	John S. Phillips	Philadelphia.

Do	in constructing and drawing lotteries	28	J. J. Cohen	Baltimore.
Do	in the machine for planting seeds	28	A. H. Robbins and Levi Robbins, jun.	Denmark, New York.
Do	in the water-proof self-priming percussion gun lock	29	Samuel L. Faries	Middletown, Butler co. O.
Do	in the self-regulating brake for wagons, &c.	29	Robert Turner	Ward, Worcester co. Mass.
Do	in the circular or cylindrical saw	29	Lewis R. Bump	Wareham, Massachusetts.
Do	in manufacturing paper on machines	30	Richard Waterman and George W. Annis	Providence, Rhode Island.
Do	in the construction and management of bobbins and flyers for spinning cotton	Sept. 2	Charles Danforth	Ramapo, Rockland co. N. Y.
Do	in the washing machine	2	Jonathan R. Davis	Hartland, Niagara co. N. Y.
Do	called fire and water cement	3	James Coburn	Middlesex co. Mass.
Do	called the socket vice	4	Lutler Henenway	Sullivan, Cheshire co. N. H.
Do	in the washing machine	5	Joseph and R. Hadlaway	Canandaigua, New York.
Do	in the mill for grinding corn, &c.	5	Reuben Medley	Bloomfield, Nelson co. Ky.
Do	in the grist mill	9	Jas. Smith and Wm. Sapp	Mount Vernon, Knox county, Ohio.
Do	in dividing engines, circular and straight lined	10	Rufus Tyler	Philadelphia.
Do	in the machine for mortising and tenoning timber	10	William Jackson and J. J. Speed, jun.	Speedville, Tompkins co. N. Y.
Do	in the washing and churning machine	10	John Grout	Caroline, Tompkins co. N. Y.
Do	in the machine for carding wool	10	Don M. Bacon	Huntington, Luzerne co. Pa.
Do	in the machine for picking cotton	10	James Pinnell and Haber Maxon	Barbourville, Cabell co. Va.
Do	in the thrashing machine	10	John W. Post and John Ryan	Philadelphia.
Do	in the application of pine resin as fuel	10	Richard L. Wood	Philadelphia.
Do	in the art of melting and fusing glass	10	Thomas W. Dyott	Philadelphia.
Do	in the fastenings for bedsteads	11	William Swift and William Ottiwell	New Bedford, Mass.

LIST OF PATENTS—Continued.

INVENTIONS, DISCOVERIES, &c.	DATE	NAMES OF PATENTEE.	RESIDENCE.
Improvement in the pump for drawing beer, cider, &c.	Sept. 11	Levi Pitkins -	Rochester, Monroe co. N. Y.
Do in the construction of doors for guarding against cold -	11	Daniel Williams, jun.	Colchester, Connecticut.
Do in the machine for cutting rags for paper called a triangular measure case ruler -	11	Moses Y. Beach -	Springfield, Mass.
Do in making and working the circular saw for clapboards -	11	Allen Ward -	Philadelphia.
Do in window blinds -	11	Jonathan Kidder -	Gorham, Maine.
Do in preparing back lint for manufacturing in operating the rotary steam engine -	11	John Parkerson -	Boston, Mass.
Do in the machine for spinning and roping cotton and wool -	Oct. 11	Abraham K. Smedes -	Lexington, Kentucky.
Do in the revolving rail and round tenon bedstead -	11	Stillman Blake -	Providence, R. I.
Do in the machine for carding, winding, and making hats -	11	John W. Wheeler -	Galway, Saratoga co. N. Y.
Do in machinery for cutting files -	11	Garrit Post -	Auburn, Cayuga co. N. Y.
Do in the mode of covering buildings in stereotype blocks -	11	Isaac Sanford -	Blockley, Phila. co. Pa.
Do in the cast hub for coaches, wagons, &c. in pipe boilers for steam engines -	11	John Hatch -	Roxbury, Norfolk co. Mass.
Do in the furnace used in the manufacture of iron -	11	Hazard Knowles -	Colchester, Connecticut.
Do in railway carriages -	11	Samuel G. Goodrich -	Boston.
Do called the microscopic pen machine -	11	William Dickinson -	Batavia, Genesee co. N. Y.
	11	Alben Potter -	New York.
	11	Benj. B. Howell -	Philadelphia.
	11	Ross Winans -	Vernon, Sussex co. N. J.
	11	John Bennett -	Lowell, Massachusetts.

LIST OF PATENTS—Continued.

INVENTIONS, DISCOVERIES, &c.	DATE.	NAMES OF PATENTEE.	RESIDENCE.
Improvement in the management of combustion in producing heat -	Nov. 8	Steen Anderson Billo -	New York.
Do in the mode of washing, filling, and corking bottles -	8	do	do.
Do in the mode of cutting off pins, rivets, &c.	11	Abiel Stephens	Andover, Essex co. Mass.
Do in the machinery for making window sash, &c	12	Jedediah Richards, Jr.	Elbridge, Onondaga co. NY
Do in the mode of whitening leghorn, straw, and gum -	12	Henrietta Cooper -	Washington township, Franklin co. Pa.
Do called the spiral curvilinear compressor -	13	William Nelson -	Batavia, Genesee co. N. Y.
Do in making slates and slate pencils by ma'y	17	Thomas Symington -	Baltimore.
Do in the bar share plough -	18	John Deakyno -	Petersburg, Va.
Do on the machine patented by James Mc Donald, for moulding and pressing brick at one operation, April 24, 1827 -	19	Jas. Mc Donald & Rob't McQueen, Jr. -	New York.
Do called the knot shuttle -	20	John Thorp -	Providence, R. I.
Do in spinning and twisting -	20	do	do.
Do in spinning or filling slack twisted yarn -	23	do	do.
Do in the railway carriage -	22	William Howard -	Baltimore.
Do in steam boilers for steam engines -	26	Anthony Hermann -	Baltimore.
Do in the machinery for propelling ships -	26	do	do.
Do do do	26	do	do.
Do in the boot tree -	27	Joshua Ayars -	Brookfield, Madison co. N. Y.

LIST OF PATENTS—Continued.

INVENTIONS, DISCOVERIES, &c.	DATE.	NAMES OF PATENTERS.	RESIDENCE.
Improvement in the machine for propelling boats on canals	Dec. 15	Nathaniel Bingham and Pliny Warner	Rochester, N. Y.
Do	15	Elisha Smith	New York.
Do	18	Paul Hedl	New York.
Do	19	Matthew D. Brown	Mason co. Va.
Do	23	Henry Paig	Alexander, Genesee co. N. Y.
Do	24	Townsend Carpenter	Elmira co. N. Y.
Do	26	Samuel A. Brownson	Montrose, Susquehanna co. Pa.
Do	27	William Woodworth	Hudson, N. Y.
Do	27	James R. Nance	Floyd co. Indiana.
Do	29	Abel Bayrd	South Reading, Mass.
Do	29	Silas Lamson	Sterling, Mass.
Do	30	John Butterworth	Northern Liberties, Phila.
Do	31	Joseph Woodhull	Rochester, Monroe co. N. Y.
Do	31	John M. Davidson	Brownsville, Fayette co. Pa.
Do	31	John Thorp	Providence, R. I.

Do	in the method of feeding horses	27	Aaron Carman	Hyde Parke, Dutchess co. N. Y.
Do	in the machine for pressing bricks and tile, &c.	29	James Parker, M. D.	Gardiner, Maine.
Do	in the paddle gate for the locks of canals	29	John F. King	Waterford, Saratoga co. N. Y.
Do	in the machine for proving cables, &c.	29	John Judge	Washington, D. C.
Do	in the mode of pressing melted glass into moulds	Dec. 1	Deming Jarvis	Boston.
Do	in the ship windlass for weighing anchor	1	Samuel Nicolson	Boston.
Do	in extracting the vegetable matter from flax and hemp	3	Sands Olcott	Harrison, Bergen co. N. J.
Do	in manufacture of metallic salts	4	Edward Clarke	New York.
Do	called the inclined water wheel	6	Orpheus Thompson	Jerico, Chittenden co. Ver.
Do	in the manufacture of cloth	6	Jas. P. and Rowland G. Hazard	Providence, R. I.
Do	in the machinery for making screws	6	Lemuel W. Wright	London, England.
Do	in the snatch block	6	James Evans	Charlestown, Mass.
Do	in the machine for shelling corn	8	Thomas J. Dean	Virgil, Cortlandt co. N. Y.
Do	in increasing water power by atmospheric pressure	8	Samuel L. Holmes	Westchester co. N. Y.
Do	called the self-feeding dyewood, &c. cutter	9	Aaron Foster	Rochester, N. Y.
Do	in pressing unburnt brick and tile	9	Ephraim Mayo	Mallowell, Maine.
Do	in pump boxes	9	Isaac P. Williams and Samuel G. Rea	Salem, Mass.
Do	in the apparatus for cutting sausage meat, &c.	9	Samuel Fairney	Washington co. Md.
Do	in the machine for sawing felloes for wheels	9	do	do.
Do	in the washing machine	10	Eber Blodget	Watervliet, N. Y.
Do	called the improved locomotive carriage	10	William Howard	Baltimore.
Do	in the mode of repairing fences	13	Edward Pitkin	East Hartford, Conn.

LIST OF PATENTS.

No.	Inventions or Discoveries.	Names of Patentees.	Residence.	When Issued.
				1829
1	Imptl. being a mode of preparing white lead without grinding	Jno. Burney	N. Haven township, O.	Jan. 2
2	in the tables used for drying cut tobacco	George Campbell	Schenectady, N. Y.	" 7
3	in the washing machine called the complete washer	Reuben Mosher	Galway, N. Y.	" 8
4	in the machine for thrashing grain	James S. Wood	Botetourt co. Va.	" 9
5	in the machine called the Variator, for taking the dimensions or admeasurement of persons for cutting coats, &c.	Levi Peterson Lemont	Bath, Maine	" 9
6	in the mode of forming and shaping combs	Samuel Lambert	Hanover co. Va.	" 9
7	in the manufacture of salt	Jean A. Teissier	Boston, Mass.	" 13
8	in the machine for cutting bogs, and ditching in bog meadows, called the Prairie Boggng and Ditching Plough	Jno. Gordon	Copake, N. Y.	" 13
9	in the mode of supplying water to water wheels	Jno. Houghton	Green co. Ga.	" 13
10	being a machine for cleaning rags, consisting of certain additions to and alterations of the common screen or duster used in paper mills	William Debit	East Hartford, Ct.	" 13
11	in the press, formed by a new and powerful combination of cranks or wheels and levers	{ Thomas Bakewell and John P. Bakewell	Pittsburg, Pa.	" 14
12	being a mill or machine for grinding apples	David D. Demarest	New Milford, N. Y.	" 14
13	in the washing machine	Amos Larcom	Waterville, N. Y.	" 16
14	in the wheel for spinning wool and cotton by hand	Nathaniel Harris	Fairfield co. Ohio	" 21
15	in spinning, called a cap spinner, being an improvement on the ring groove spinner	John Thorp	Providence, R. I.	" 29

21st CONGRESS,
1st Sess.

[Doc. No. 16.]

Ho. of REPS.
State Dept.

LETTER

FROM

THE SECRETARY OF STATE,

TRANSMITTING A LIST OF THE NAMES OF

PERSONS TO WHOM PATENTS HAVE BEEN GRANTED

FOR THE

Invention of any new and useful Art or Machine, Manufacture, or Composition of Matter, or Improvement thereon, from the 1st day of Jan. 1829, to the 1st day of Jan. 1830.

JANUARY 3, 1830.—Read, and laid upon the table.

DEPARTMENT OF STATE,
January 1st, 1830.

SIR: In pursuance of the resolution of the House of Representatives of the United States, dated the 13th of January, 1812, I have the honor of transmitting a list of the names of persons who have invented any new or useful art or machine, manufacture, or composition of matter, or any improvement thereon, and to whom patents have been issued for the same from this office, from the 1st day of January, 1829, to the 1st day of January, 1830, with the dates and general objects of such patents, and also the residence of the patentees, as far as they could be ascertained.

I have the honor to be,

With great consideration,

Your very obedient servant,

M. VAN BUREN.

The Hon. the SPEAKER

of the Ho. of Reps. U. States.

21st CONGRESS,
1st Sess.

[Doc. No. 16.]

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LIST OF PATENTS.

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No.	Inventions or Discoveries.	Names of Patentees.	Residence.	When Issued.
1	Impt. being a mode of preparing white lead without grinding	Jno. Burney	N. Haven township, O.	1829
2	in the tables used for drying cut tobacco	George Campbell	Schenectady, N. Y.	Jan. 2
3	in the washing machine called the complete washer	Reuben Mosher	Galway, N. Y.	" 7
4	in the machine for thrashing grain	James S. Wood	Botetourt co. Va.	" 8
5	in the machine called the Variator, for taking the dimensions or admeasurement of persons for cutting coats, &c.			" 9
6	in the mode of forming and shaping combs	Levi Peterson Lemont	Bath, Maine	" 9
7	in the manufacture of salt	Samuel Lambert	Hanover co. Va.	" 9
8	in the machine for cutting bogs, and ditching in bog meadows, called the Prairie Boggging and Ditching Plough	Jean A. Teissier	Boston, Mass.	" 13
9	in the mode of supplying water to water wheels	Jno. Gordon	Copake, N. Y.	" 13
10	being a machine for cleaning rags, consisting of certain additions to and alterations of the common screen or duster used in paper mills	Jno. Houghton	Green co. Ga.	" 13
11	in the press, formed by a new and powerful combination of cranks or wheels and levers	William Debit	East Hartford, Ct.	" 13
12	being a mill or machine for grinding apples	{ Thomas Bakewell and	Pittsburg, Pa.	" 14
13	in the washing machine	John P. Bakewell	New Milford, N. Y.	" 14
14	in the wheel for spinning wool and cotton by hand	David D. Demarest	Waterville, N. Y.	" 16
15	in spinning, called a cap spinner, being an improvement on the ring groove spinner	Amos Larcom	Fairfield co. Ohio	" 21
		Nathaniel Harris		" 21
		John Thorp	Providence, R. I.	" 29

16	being a mode of hanging forge hammers, called the clam boit	Jonathan McNeel	Coleman township, Pa.	" 21
17	being a machine for grinding Indian corn into meal, and may be applied to the grinding of other grain on Levi Jacob's superior durable strap, for razors, surgical instruments, &c.	Thomas Baker	Statesburg, S. C.	" 21
18	being a machine for pulling or husking cotton seed, and separating the hull from the kernel	John W. Osborn	Terre Haute, Ind.	" 21
19	in the compound lever press	Francis Follet	Petersburg, Va.	" 21
20	being an apparatus to be used in the cure of crooked or inflected spine, in the human body, called the Dormant Balance, patented to him on the 23d day of June, 1828. [This patent is dated 23d June, 1828—reissued Jan. 21, 1829.]	John Rodgers	Mauzy co. Tenn.	" 21
21	in making or manufacturing blanks for checks, drafts, or bills of exchange, or other like instruments	James R. Casey	New York	" 21
22	in the mode of straightening and soldering drums or cylinders for cotton and woollen factories, called the Drum Bench	James Atwater	New Haven, Ct.	" 21
23	in the churn, called the forcing valve-piston churn	Luke N. Perry	Worcester, Mass.	" 23
24	in the machine for planting corn	Benjamin Cushwa	Clear Spring, Md.	" 24
25	in the machine for cutting and chopping meat for sausages	Matth. Lennox, Wm. Croft, and Hy. Pitner	Steubenville, Ohio	" 26
26	being a machine for the manufacture of shoe pegs	Elias Wade	Elizabethtown, N. J.	" 26
27	in the manufacture of forks, with four or more tines, commonly called spring-tempered or patent forks, or pitchforks	Silas Beckwith, Silas Beckwith, jr., and Eleazer Beckwith	Westmoreland, N. Y.	" 27
28	in the screw dock	Calvin Perlins	Waterbury, Con.	" 27
29		John C. Ely	New York	" 28

No.	Inventions or Discoveries.	Names of Patentees.	Residence.	When Issued.
30	Impt. in the machine for cutting wafers, leather for gloves, &c.	Elisha Mills Ely	Paris, France	1829
31	in the machine for breaking sugar	Woolsey G. Sterling	Bridgeport, Con.	Jan. 28
32	in canal and other boats, for propelling, steering, and preventing the rolling of the waters, and the washing away of the banks of canals, &c.			" 28
33	in making cooking furnaces and ovens, called the improved portable cooking furnace and oven	Samuel D. Bennett	Butternuts, N. Y.	" 30
34	in the mode of spinning yarn from sheep's wool, called the "Canton woollen bobbin and fier"	Leonidas V. Badger	Dover, N. H.	" 30
35	being a composition of matter to be used as a flexible elastic water proof and air proof cement, paint, or varnish	William B. Taber	Canton, Mass.	" 30
36	in the mode of making or manufacturing cider, being a combination of machinery called the portable horse power cider mill and presses	John T. Howe	New York	" 31
37	on mills for grinding grain, plaster, and shelling corn	Uri Emmons	New York	" 31
38	being a machine for shaving or dressing the <i>inside</i> of staves for casks	Benja. M. Kemp	Fort Plain, N. Y.	" 31
39	being a machine for shaving or dressing the <i>outside</i> of staves for casks, called the revolving stave dresser for dressing the <i>outside</i> of staves	Charles B. Goodrich	Rutland, Mass.	Feb. 3
40	in the impelling power for mills and machinery	Charles B. Goodrich	Rutland, Mass.	" 4
41	in agriculture	Benja. S. Ridgway	Charleston, S. C.	" 6
		Peter Pardee	Trenton, N. Y.	" 6

Impt. being a mode of making white paper from rags, of cotton, linen, or silk, be their colors ever so various, and of extracting from all kinds of mineral colors, thereby rendering them white, and completely bleached; and of bleaching and whitening straw and corn husks, so that white paper can be made therefrom, and of bleaching and whitening cotton, linen, and hemp cloth -
 being a machine for planing, matching, and grooving boards -
 in the groove plane -
 in the machine called the double axle tree safety carriage -
 in the making or manufacturing of the *premium rail way cooking stove* -
 in the art of alphabetical writing, called lektography in the method of fabricating tow lines for canal boats, by substituting in the place of hemp or flaxen cords, or chains, lines made from the raw hides of bullocks or other animals -
 in manufacturing brooms or brushes -
 in the mode of manufacturing wool or other fibrous material -
 in the mode of manufacturing wool or other fibrous material -
 in the machine called jacks, or jack screws, for stowing goods in ship's holds -
 called the swing staging -
 in the fanning mill -

43	John W. Cooper	Wash'n Township, Pa	Feb.	7
44	Caleb Taylor	Angola, N. Y.	"	7
45	Jac. Longenecker & Chas. Myers	Lancaster county, Pa.	"	7
46	Edward G. Fitch	Blakely, Alabama	"	7
47	Peregrine Williamson	Philadelphia, Pa.	"	16
48	Jos. B. Manning	Gloucester, Mass.	"	16
49	Jas. Sanford	Weston, Conn.	"	16
50	David Wooster	China, N. Y.	"	16
51	John Goulding	Dedham, Mass.	"	16
52	John Goulding	Dedham, Mass.	"	16
53	Thos. Evans	New York	"	16
54	Elijah Drury	Washington, Mass.	"	16
	Justus Frary	Southampton, Mass.	"	17

No.	Inventions or Discoveries.	Names of Patentees.	Residence.	When issued.
55	Impt. in a machine or apparatus for all sorts of culinary baking, denominated Philip Wilcox's economical baker	Philip Wilcox	Springfield, Mass.	1829.
56	in the circular revolving saw	Tyler Howe	Spencer, Mass.	Feb. 18
57	in the machine for sharpening carving knives and other edge tools that require a rough edge, denominated the compound guard and knife sharpener	Walter Hunt	New York	" 19
58	in the machine for pressing and raising weights	Thayer Cummings	Mayville, N. Y.	" 19
59	being a machine for grinding paints, called the trumpet mouth paint mill	Samuel Cook	Mendon, Mass.	March 3
60	in the lamp, and ingredients for burning therein	Isaiah Jennings	New York	" 3
61	in the machine for packing cotton bales, tobacco hogsheads, &c.	Tyre Jennings	Statesbury, S. C.	" 3
62	in the manufacture of nail hammers, and others, with claw and pene	Chas. A. Strong	South-Glastonbury, Ct.	" 3
63	in the mode of grinding steel dies, used in the manufacture of steel buttons	Willard Robinson	Attleborough, Mass.	" 3
64	in the mode of making brick, tile, and other clay ware	Jas. Wood	Rockland co. N. Y.	" 3
65	being a machine for grinding sand and clay together	Alfred Cushman	Sumner, Maine	" 3
66	in the machine for raising the bodies of wagons and other carriages from their wheels, and lowering them down to their places again	Thos. Scott	Loudon, Pa.	" 3
67	called the cronamometro	Peter Pettinos	Philadelphia, Pa.	" 3

68	in the machine for straight and spiral reeding or fluting - - - - -	John January	-	Greenville, Kentucky	"	3
69	in the machine or press for cider and other purposes - - - - -	Daniel Reed	-	Easton, Mass.	"	3
70	in constructing a tan yard, and in tanning leather - - - - -	Leonard B. Johnston	-	Tompkinsville, Ky.	"	3
71	in the construction of canal boats - - - - -	Benajah Williams	-	Mendon, N. Y.	"	3
72	in making woollen carpet or carpeting - - - - -	Wm. Harrington	-	Harrison, N. Y.	"	3
73	in machinery to be used in navigation - - - - -	Adolph Heilbroun	-	New York	"	16
74	in roller or wheel roads, and carriages for the same - - - - -	John Gardiner	-	Washington, D. C.	"	16
75	in the apparatus and setting up of distilleries, and all kinds of boilers where anthracite common stone coal and other fuel is used - - - - -		-			
76	in the churn - - - - -	John Lovatt	-	Philadelphia, Pa.	"	17
77	in the machine for ascertaining the rate of a ship or vessel's motion through the water, and also the velocity of the tides - - - - -	Zuri S. Doty	-	Groton, N. Y.	"	17
78	in the mode of raising water from wells, springs, or cisterns - - - - -	Jas. D. Woodside	-	Washington, D. C.	"	17
79	in a machine for sharpening and improving knives, scythes, and other edged tools, denominated the carving knife renovator and instantaneous knife sharpener - - - - -	Saml. Smith	-	Mendon, N. Y.	"	17
80	in constructing clocks - - - - -	Isaiah Jennings	-	New York	"	17
81	in the manufacture of screw augers - - - - -	Aaron D. Crane	-	Caldwell, N. J.	"	18
82	in rail way carriages - - - - -	David Bassett	-	Derby, Conn.	"	18
83	in the manner of cutting ice, together with the machinery or apparatus therefor - - - - -	Isaac Knight	-	Baltimore, Md.	"	18
84	in cooking stoves, called the economical cook - - - - -	Nathl. J. Wyeth	-	Cambridge, Mass.	"	18
85	on the common loom, by the addition of certain engines, and by the application of which he is enabled to weave figured cloth of every description - - - - -	John J. Hess	-	Philadelphia, Pa.	"	19
		Wm. Lovally	-	Canterbury, Conn.	March	20

No.	Inventions or Discoveries.	Names of Patentees.	Residence.	When issued.
86	Impt. in the manner of forming the spire or roll of yarn on a weaver's or shuttle bobbin	John Thomp	Providence, R. I.	1829.
87	in the machine for napping cloth	Moses R. Norris and Lyman Phillips	Covington, N. Y.	March 20
88	in ornamenting and constructing picture, looking glass, and other frames, called "the Jackson Ground."	John Parker & Lewis	New York	" 21
89	in the pan for boiling salt water for making salt	P. Clover		" 23
90	in the machine or apparatus to prevent wind, water, dust, and snow from driving under outer and inner doors, into entry ways and rooms, called a water and snow fender for doors	Wm. Blockson and John T. Fracker	Zanesville, Ohio	" 23
91	being a pattern for moulding and casting composition spikes, butt bolts and other hinges	William Cole & John Johnson	Randolph, Mass.	" 27
92	being a water proof cement or hydraulic lime	Joshua & Chas. Sewell	Bath, Maine	" 25
93	in the machine for steering ships and other vessels	Robert Leckie	Washington, D. C.	" 31
94	in the machine for making pails, tubs, buckets, and all kinds of cooper work	Michael Pearson	Newburyport, Mass.	April 1
95	for cutting straw and thrashing wheat and other small grain	Nathaniel Rider	Sturbridge, Mass.	" 1
96	in the washing machine	Levi Rice	Lockport, N. Y.	" 1
97	in the rotary temples	John Taylor	Dunstable, H. H.	" 1
		Ira Draper	Saugus, Mass.	" 1

98	in locks for securing doors, and for other similar purposes	Truman Bartholomew	New York	-	"	3
99	in the art of building chimneys, and altering those already built, in such a manner as to prevent or cure their smoking	Almon H. Read	Montrose, Pa.	-	"	3
100	in the manufacture of coffee mills	James Carrington	Wallingford, Conn.	-	"	3
101	in the mill stone	David Phillips	Jefferson county, Miss.	-	"	3
102	in the machine for sawing logs of wood into planks, boards, &c.	Peter Tomlinson	Derby, Conn.	-	"	3
103	in the marine rail way	Daniel Rogers	Mobile, Alabama	-	"	3
104	in razor straps	Gooding Holloway	Chester, Ohio	-	"	3
105	being the use of the salts or alkalies obtained from the spent ley of soap makers as a flux in the manufacture of glass	Geo. H. Burgin	Philadelphia, Pa.	-	"	3
106	being a machine for sawing down trees, sawing off logs and other objects, where the power of horses or other quadrupeds is the first mover, called the portable horse sawing machine	David Pierce	Poughkeepsie, N. Y.	-	"	3
107	in the construction of gun locks	Ephraim Gilbert	Rochester, N. Y.	-	"	3
108	on Roswell King's rice mill	Jno. Ravenel	Charleston, S. C.	-	"	3
109	in the can spinner, patented by him, by letters patent, bearing date the 25th day of Nov. A. D. 1828	Jno. Thorp	Providence, R. I.	-	"	3
110	on a machine for which letters patent were issued to Jesse Reed, in the year 1807; also, of said Odiorne's invention or application, or new method of feeding nail machines by machinery, where the plate is turned	Thos. Odiorne	Malden, Mass.	-	"	3
111	in the cotton gin	David Phillips	Jefferson county, Miss.	-	"	3
112	being a mode of making spectacles with spiral springs	Samuel Babcock	Middletown, Conn.	-	"	3
113	being triangular bellows for blasting foundries, furnaces, forges, &c., or any thing that requires a blast	Wm. Sidney Jacks	New York	-	"	4

LIST OF PATENTS—Continued.

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No.	Inventions or Discoveries.	Names of Patentees.	Residence.	When issued.
114	Impt. in rail road carriages	Jno. L. Sullivan	Philadelphia, Pa.	1828.
115	in the machine called the <i>double rack and twin wheels</i> and <i>quarter section wheels</i> , as applied to steam engines, and other power machinery, where a rotary motion is required from a reciprocating eccentric or irregular motion	Jos. Woodhull	Rochester, N. Y.	" 6
116	being a composition to be used in the fusion, refining, or working of metals or ores	Henry B. Chew, and } E. V. Freeman	Baltimore, Md.	" 7
117	in saw mills	George Brown	Deerfield, N. Y.	" 7
118	in a machine for propelling carriages, boats, mills, &c., by means of weights	Milton F. Colburn	Baltimore, Md.	" 7
119	in the curved tube rotary steam engine, and in another case he calls it "the curved tube water wheel," and for a method of applying the former to carriage wheels	Elijah Bryan	New York	" 8
120	in the machine or carriage for the removal of heavy buildings	Ephraim Bowen	Ledyard, N. Y.	" 9
121	in the application of friction wheels to the axles of rail road carriages or wagons, the friction wheels being inside of the carriage wheels themselves	Henry B. Chew	Baltimore, Md.	" 9
122	in the mode of making axes	Jno. Alley, sen.	Pise, Indiana	" 9
123	in the machine called the mule, for spinning threads, or yarns, of cotton, wool, or other substances; which improvement they call "the improved self-operating mule"	Ira Gay & A. Gay	Dunstable, N. H.	" 10

124	in the mode of making or manufacturing ever-pointed pencil cases. "Saxton's improvement on Morandant's patented ever-pointed pencil case," which invention he has assigned to Philip Garrett and Thomas C. Garrett	Jos. Saxton -	Philadelphia, Pa.	"	11
125	in the mode of carding wool, by carding and sorting at the same time, by means of the double doffer applied to a single or double breaking wool carding machine	Jno. Boynton J. W. Post & C. Post	South Coventry, Conn. Washington, D. C.	"	11
126	in the iron mill	Jean A. Teissier	Boston, Mass.	"	11
127	in the manufacture of salt, patented to him on the 13th of January, 1829; which patent being heretofore cancelled, on account of an incorrect specification; (this patent is dated 13th January)	Samuel G. Reynolds	Bristol, R. I.	"	13
128	in the machine for making wrought nails and rivets, of any size, and of any kind of metal required				
129	in the manner of mortising and making tenons on the ends of the spokes of wheels, panel work, cabinet work, joiners', carpentry, coaches, wagons, gigs, and to all other purposes where a square or quadrangular mortice and tenon have heretofore been used	Luther Davis	Northampton, Mass.	"	14
130	in the mode of making or manufacturing dressing combs, of wood	Nathaniel Bushnell	Middletown, Conn.	"	14
131	in the machine for cleaning and dressing hemp and flax	Amos Salisbury Benj. Lapham and Eleazer Cady	Troy, N. Y. Canaan, N. Y.	"	15
132	being a new and useful machine for the forming and constructing of hat bodies				
133	in the printing press, called the Washington Printing Press	Samuel Rust James Wright	New York Columbia, Pa.	"	17
134	in rail roads, and cars to run thereon			"	17

LIST OF PATENTS—Continued.

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No.	Inventions or Discoveries.	Names of Patentees.	Residence.	When issued.
135	Impt. in the machine for breaking hemp and flax	Amos Salisbury and } Jno. C. Langdon	Troy, N. Y.	April 18
136	called the eclipse speeder, for making cotton roping	Gilbert Brewster	Poughkeepsie, N. Y.	" 18
137	in the mode of measuring the foot and leg, and cutting leather for boots			
138	in the common wool carding machine, for making an endless or perpetual roll, at one operation, by machinery, called Atwood's circular and transverse doffer	Thomas Howe	Worcester, Mass.	" 18
139	called the cylinder paper machine, for manufacturing paper	Charles Atwood	Middletown, Conn.	" 18
140	in the mode of making or manufacturing seine twine, and other small cordage, by machinery, at one operation, called Pond's cotton twine machine	Isaac Sanderson	Milton, Mass.	" 18
141	in water wheels, for steam boats and mills	Alson Pond	Petersburg, Va.	" 21
142	in the machine for breaking hemp and flax	Paul Boynton James Y. Watson	Ogdensburg, N. Y.	" 21
143	in the machine for making cider	Jno. Blossom and Andrew Burnett	Salem, N. Y.	" 21
144	in the machine for cutting or slitting tenons; also for slitting small veneers, &c.	Moses B. Bliss	Pittston, Maine	" 21
145	in the mode of planing floor plank, and grooving and tongueing, and straightening the edges of the same; planing boards, straightening and planing square timber, &c., by machinery, at one operation, called the cylindrical planing machine	Jno. McClintic	Chambersburg, Pa.	" 21
		Uri Emmons	New York	" 25

146	in the machine for washing clothes	Stephen Hinds	Montrose, Pa.	"	23
147	in a hemp and flax machine	Thomas Cohoon	Troy, N. Y.	"	25
148	in the mode of making or manufacturing salt from sea water or salt springs	Henry J. Tudor	Boston, Mass.	"	29
149	in the machine for sifting grain, flour, rice, flaxseed, and other seeds, and separating all sorts of materials which are capable of separation by sifting	Jno. Nichols	Boston, Mass.	"	29
150	in the construction of hose, for applying and distributing to sails or sheets of cloth, for the protection of buildings from fire, called "the fire screen"	Caleb Pierce	Salem, Mass.	"	29
151	in the machine for grinding grain, paints, &c.	Henry Averill	Richland, N. Y.	"	30
152	on power looms, and which can also be applied to other looms	Amasa Stone	Providence, R. I.	"	30
153	being a machine called a "wheel and rest"	Israel Johnson, jun.	Moriah, N. Y.	May	1
154	in the mode of cutting veneers by machinery	Caleb B. Burnap	Belfast, Maine,	"	1
155	in the manufacture of spades and shovels, with newly constructed handles for the same	Harlow Risley	Glastonbury, Conn.	"	1
156	in the machine for cutting cheese curd	Anson Morris	Sacketts Harbor, N. Y.	"	2
157	in the machine for grinding grain by wind power	David McColler	Hudson, Ohio	"	2
158	being a machine called the cylindrical rail way carriage	Peter Fleming	Albany, N. Y.	"	4
159	in the mode of making or manufacturing paper by machinery, by means of an additional machine, called the agitator	Reuben Fairchild	Trumbull, Conn.	"	4
160	in the machine for carding wool	Jas. W. Shankland	Summerfield, Ohio	"	5
161	in the application of felt for carpeting	Aaron Byington	Herkimer, N. Y.	"	6
162	called a revolving four-barrelled gun, and improved percussion lock	Henry Rogers	Middletown, Ohio	"	7

No.	Improvements or Inventions.	Names of Patentees.	Residence.	When issued.
163	Impt. in guns and fire arms; which improvement consists in a priming head and cap applied to guns and fire arms, for the purpose of primings, and giving them fire by the means or use of percussion, fulminating, or detonating powder; patented to him on the 19th of June, 1822; which patent being hereby cancelled, on account of an incorrect specification	Joshua Shaw	Philadelphia, Pa.	1829.
164	in the art of sawing boards, and other kind of lumber; and in the construction of saw mills, crank wheels, and gearing	Israel Johnson, jun.	-	May 7
165	in the washing and churning machine	Freedus Reed	Moriah, N. Y.	" 7
166	in the cooking stove	Allen & J. Barnett	Pike Township, Pa.	June 11
167	in the construction of cotton ginning machinery, called Conn's improved cotton gin	-	Louisville, Ky.	" 11
168	in the hydraulic steam engine	Stephen T. Conn	New York	" 11
169	in the construction of lamps, and the economy of light	Jno. Catlin	Cincinnati, Ohio	" 11
170	on rail roads and rail road carriages	Isaiah Jennings	New York	" 11
171	in producing fire and light	Isaac Knight	Baltimore, Md.	" 11
172	in the mode of winnowing and threshing grain	Isaiah Jennings	New York	" 11
173	in the making woollen carpet or carpeting	E P. Davis & W. Carey	Riga, N. Y.	" 11
174	in making glass knobs with the shank or screw of glass	Wm. Harrington	Harrison, N. Y.	" 11
175	in the plough	Deming Jarves	Boston, Mass.	" 13
176	in rail roads in the mode in which a railway carriage may be made to turn out and in on a railway	James Boatwright	Columbia, S. C.	" 11
		James Wright	Columbia, Pa.	" 11

177	in the rifle for sharpening scythes	Beriah Swift	Washington, N. Y.	11
178	in manufacturing wool or other fibrous material, &c.	Jno. Goulding	Dedham, Mass.	11
179	in the commodore knob	Elijah Skinner	Sandwich, N. H.	11
180	in the threshing machine	Geo. Fuller	Gardiner, Maine	11
181	in the hollow auger	Abel Conant	Pepperville, Mass.	11
182	in the machine for making hat bodies	Alex. Clarke and Hiram Chase	Falmouth, Mass.	11
183	in the churn	Colton Foss	Perry, O.	11
184	for propelling or moving boats or wagons, called propellers	Josiah White	Mauch Chunk, Pa.	11
185	in the cider press	Daniel Pride	Potsdam, N. Y.	11
186	in the rotatory steam engine	David B. Lee and S. Stewart	Philadelphia, Pa.	11
187	in the method of topical bloodletting, and drawing milk from the breasts of women, called Hæmagotaphorus	David Houghtaling, M.D. & A. Menecly	Watervleit, N. Y.	11
188	in bedsteads, right and left hand screw	Jno. P. Copent	New York	11
189	in the machine called the complete washer	Ephraim Wheeler	Galway, N. Y.	11
190	in the use of flat boilers for generating steam	David Fanshaw and H. Hanks	New York	11
191	in the "New pegging machine with plates" for making boots and shoes	Nathan Leonard	Merrimack, N. H.	11
192	in the machine for making ropes and cords of all sizes from raw materials, called "The Improved Rope Maker"	Stephen Hills, 2d	Glastonbury, Conn.	11
193	in stoves	Wm. Naylor	New York	11
194	in the machine for breaking and cleaning hemp and flax	Reuben Medley	Bloomfield, Ky.	11
195	in the double plough	Ph. Altenderfer and Benj. Altenderfer	Coots Town, Pa.	11

No.	Inventions or Discoveries.	Names of Patentees	Residence.	When issued.
196	Impt. in boxes for post coaches and other carriages, called the cylinder, conical, self wedging, or self fastening box for carriage wheels	Thomas Massey	New London, Conn.	1829, June 11
197	in the cast iron plough	Jacob Minturn	Urbana, O.	11
198	in the self supplying twister	Walter Hunt	New York	11
199	in the machine for shelling and cleaning Indian corn	John S. Gardiner	Canandaigua, N. Y.	11
200	in water and paddle wheels	Benjamin Howard	Worcester, Mass.	11
201	in the plough	John Rhodes	Urbana, O.	11
202	in the application of the scape heat from the furnace, and the discharged steam from the engine of the ordinary high pressure steam engine, to the manufacturing of coarse and fine salt from salt water	Alexander Browne	Salina, N. Y.	11
203	in rifles, muskets, fowling pieces, &c. in forming a magazine to contain a number of charges	James Miller	Brighton, N. Y.	11
204	in the manufacturing of blanks for checks, or drafts, or bills of exchange, or post notes, or promissory notes, or other such like instruments	Jas Atwater and Nat. Jocelyn & S.S. Jocelyn	Newhaven, Conn.	11
205	in bellows tubs	A. H. McPharin	Huntingdon, Pa.	11
206	in the machine for cleaning chimneys	Samuel Dow	Elizabeth Bor.	11
207	in bedsteads	Ebenezer Rogers and Michael Pearson	N. J.	11
208	in the machine for crimping boots	Thomas Howe	Essex county, Mass.	11
209	in applying heat by means of iron castings, and grates for cooking, &c.	Peter F. Sanborn	Worcester, Mass.	11
			Troy, N. Y.	11

210	in the manufacturing of combs	John Brown	Providence, R. I.	11
211	in the manufacturing of raw or green hides into a hard and transparent material for making combs, snuff boxes, &c.	Samuel Pike	Providence, R. I.	11
212	in making cast iron, wrought iron, or wood boxes and gudgeons for saw mills, horizontal or vertical wheels, cast iron, wrought iron, or wood boxes for wagons, carts, or any description of wheel carriage, whether driven by water, steam, horse, or other power	Sullivan Reynolds	Guilford, N. Y.	13
213	in the apparatus for the purpose of preventing bed bugs from ascending the posts of bedsteads, denominated the Night Angels	James A. Clarke	Georgetown, D. C.	13
214	called Thorp's running cap spinner	John Thorp	Providence, R. I.	13
215	in the manufacture of chandeliers, lamps, &c. in imitation of glass, produced from the crystallization of salts	Fred. B. Merrill	Buffalo, N. Y.	13
216	in the fork for digging the soil of gardens and other soils, called by him a prong spade	Wm. B. Horton	Middletown, Conn.	15
217	for ascertaining the weights of goods, or other loading of boats or other water craft	Thomas Cohoon	Troy, N. Y.	18
218	in the notes in music	Wm. C. Phillips	Laurensburg C. H. Va.	18
219	in the mode of making hat bodies by machinery	Levi Van Hoosen	Norwalk, Conn.	19
220	in the canal passage boat	Jacob Bromwell	Cincinnati, O.	23
221	in the mode of cutting out boots and shoes	Samuel Marshall	Philadelphia, Pa.	23
22	in the cooking stove for burning Lehigh and other hard coals	C. Schermerhorn	New York	23
223	in the machine for churning cream and milk	Abner Murray	Athens, N. Y.	27
224	in the mode of making cloths by machinery	Henry Raymond	New York	27
225	in the making and ornamenting of combs	Ebenezer Ray	Philadelphia, Pa.	27
226	in making felt of wool without spinning or weaving	Levi Ray	Norwalk, Conn.	27

No.	Inventions and Discoveries.	Names of Patentees.	Residence.	When sued.
1829.				
227	Impt. called Pennell's power windlass	Wm. Pennell	Brunswick, Maine	June 29
228	on his printing press, patented on the 8th day of February, 1819	John J. Wells	Hartford, Conn.	29
229	in steam boilers	Francis Coffin and Charles C. K. Beach	Boston, Mass.	29
230	in the mode of manufacturing cloth without spinning or weaving, and without crossing the wool	Nehemiah Peck and D. Taylor	Fairfield co. Conn.	29
231	in a machine for securing window shutters	Truem. Bartholomew	New York	30
232	in the machine for mortising, sawing, and boring	Reuben Medley	Bloomfield, Ky.	July 7
233	in the mode of purifying water by means of a machine denominated the patent filterer	Geo. Busby White	New York	7
234	in the mode of making and applying splints to fractured limbs	D. S. C. H. Smith	Sutton, Mass.	7
235	in the horizontal rack and pinion cotton press	Zenos Bronson	Jasper co. Georgia	7
236	in the machinery for cleaning or hulling rice, coffee, clover seed, and other grains and berries	Zenos Bronson	Jasper co. Georgia	7
237	in the hoe	Gideon Freeborn	New York	7
238	in the art of working pumps for ships	Manuel Francis	Boston, Mass.	7
239	in the machine for dressing hemp and flax	Horace L. Barnum and M. Stevenson	Cambridge, N. Y.	8
240	in the machine for washing, cleaning, and separating gold dust, &c.	Richard Lee	Erwinsville, N. C.	8
241	in the mode of dressing hair, called the hatchelling machine, &c.	Wm. Chubb	New York	9

242	in pumps	Russel Wileman	East Hartford, Conn.	9
243	in the method of heating rooms and houses by means of a furnace called the cylindrical air heater	Charles Fowler	Hartford, Conn.	10
244	in the plough, which consists wholly of iron	John Boynton	South Coventry, Conn.	10
245	in the current and tide wheel	Asa Madison	Detroit, Michigan	10
246	in the making of a parallel moving perpendicular tooth extractor	Elijah Bryan	New York	13
247	in the machine for washing and churning	Joel B. Pratt	Milo, N. Y.	14
248	called Charles Angel's strap and punching machine	Charles Angel	Philadelphia, Pa.	15
249	in the machine for fulling and felting cloth	John D. Lounsbury, John Arnold, John A. McLean, and George G. Bishop,	Norwalk, Conn.	15
250	in the machine for forming the web for cloth, of wool, hair, or other suitable substance, without spinning or weaving	John Arnold	Norwalk, Conn.	15
251	in the construction and application of wheels to carriages of pleasure, or of burden, or to machines for moving heavy burdens	George D. Bridgeman	New Haven, Conn.	16
252	in the application of steam to produce a rotary motion	Jos. Mount	Nashville, Tenn.	16
253	in the cooking stove	Ezekiel E. Bennett	Sandy Hill, N. Y.	17
254	in spring seats for wagons	Schuyler Reynolds	Northumberland, N. Y.	17
255	in the mode of affixing glass chimneys to various kinds of Argand lamps, to the cork tops used with glass lamps	Deming Jarves	Boston, Mass.	20
256	in the mode of manufacturing wool	John Goulding	Dedham, Mass.	21
257	in the mode of refining all kinds of oil	Charles E. Ruggles	New York, -	20
258	in the art of punching copper, or other metallic plates or sheets, for ship's use, called the Power Press	George Darracott	Boston, Mass.	21
259	being a machine for printing, styled by himself the Typographer	William A. Burt	Detroit, Michigan	23

LIST OF PATENTEES—Continued.

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No.	Inventions and Discoveries.	Names of Patentees.	Residence.	When issued.
269	Imp't. in the compound for cleaning, biting, or sharpening damaged, worn out, or old files	Asahel P. Brittingham and E. Brittingham	New York	1820.
270	in the machine for making wrought nails and screws in the threshing machine	Stephen I. Gould	Litchfield, Conn.	27
260	in the mode of raising water for propelling machinery, and other purposes, by a combination of steam and atmospheric pressure, called the "Improved Atmospheric Steam Engine,"	Calvin Emmons	New York	25
261				27
262	in the construction of the ever pointed pencil, to wit: instead of the screw now in use	James Mead and Mil-den Kitchell,	Lebanon, Ohio	27
263	in the machine for raising water	William Jackson,	Philadelphia, Pa.	27
264	in a composition for curing the tooth ache, preventing the teeth from decay, removing the tartar, and curing the rheumatic pains	Almon E. Lazell and Daniel Bloodgood	Poughkeepsie, N. Y.	27
265	in the art or method of making or manufacturing the rims, or felloes, of all kinds of wheels, for wheel carriages, which are made of wood or timber of small size, by steaming and bending the same	Thomas White	St. Clairsville, Ohio	29
266	in the mode of making roofs for buildings, &c.	Merritt Blakeslee	Canaan, Conn.	23
267	in the mode of breaking and dressing hemp and flax	Nathaniel Adams	Marlborough N. Y.	25
268	in the specific for the cure of the tooth ache	Anos Salisbury and John C. Langdon	Troy, N. Y.	29
269		Samuel Pennington	Mount Pleasant, Ohio	30

271	in the construction of dry docks	Elias Selden	Haddam, Conn.	30
272	in the mode for the drawing of lotteries	D. Malcomb	Orleans, Louisiana	30
273	in the machinery of mills for the manufacture of grain into flour and meal	William Parkinson	Wheeling, Va.	31
274	in the preparation of hemp and flax for spinning and weaving	La Fayette Tibbitts	New Glasgow, Va.	August 1
275	in the machine for washing clothes	William E. Arnold	Haddam, Conn.	3
276	in the steam engine for avoiding the dead point of a crank	Valentine Carter	Georgetown, D. C.	3
277	in the thrashing machine	Enoch Harman	Upper Wakefield, Pa.	5
278	in the machine for ditching and excavating ground for canals, or other purposes	George Henricks	Urbana, Ohio	5
279	called the double furnace cooking stove	Josiah Richards	Claremont, N. H.	5
280	in the machine for breaking flax, hemp, and every kind of textile plants, unrotted or rotted	J. L. F. Roumage	New York	6
281	in the stiffening of hats	Jona. D. Wilson	New York	6
282	in the use and application of steam	Timothy Packard and J. E. Strong	Granville, N. Y.	7
283	in book binding	Jesse Torrey, Jr.	Germanatown, Pa.	8
284	in the shears of a cloth shearing machine	Samuel A. Britz	Cazenovia, N. Y.	10
285	in the gridiron	Jonathan Powers	Lansingburgh, N. Y.	10
286	in the art of preserving apples and other fruit, beets, sweet potatoes, and other roots	Amos Hart	Wharton Township Pa	10
287	in the cotton press	Philenzo Payne,	Claiborne Cy. Miss.	19
288	in the machinery for raising the nap of woollen cloths	Zachariah Allen	Providence, R. I.	10
289	called the manuring wagon	James Bowman,	Coosawatches, S. C.	12
290	in the construction of an American spinner	Warren Allen	New Haven, N. Y.	15
291	which he designates as "Dunn's Knife Sharpener,"	William J. Dunn,	New York	18
292	in the business of ferrying and drying	L. C. Abernathy	Burlington, Ken.	18
293	in the art of cutting garments, called a mathematical ruler, to be used in the art of cutting garments	Otis Madison	Troy, N. Y.	18

No.	Inventions and Discoveries.	Names of Patentees.	Residence.	When Issued.
294	Imp't in the mode of working or forging iron, by a machine called the portable trip hammer	Samuel Kilburn	Sterling, Md.	1829. Aug. 18
295	in manufacturing blanks for checks, or drafts, or bills of exchange, or other such like instruments	James Atwater	New Haven, Conn.	18
296	in the wheat fan	George Hoffman	Fredericktown, Md.	21
297	in the mode of manufacturing dye by steam	Reuben Wood,	Erin, N. Y.	25
298	in the "air furnace oven stove,"	Oliver Davison,	Johannstown, N. Y.	25
299	in the machine for packing cotton	Obadiah Stith	Laurenceville, Va.	25
300	in the machine for raising water by atmospheric pressure	Samuel McCune,	Wilmington, Ohio	25
301	in canal boats	Thomas W. Bakewell	Cincinnati, Ohio	25
302	in the grist mill	Job Wickarsham and Thomas Crozer	East Fairfield, Ohio	29
303	in the machine for manufacturing felt for cloth, padding, carpets, &c.	John Barker and L. Kinsley	Green county, N. Y.	29
304	in the construction and operation of the printing-press, called Booth's Improved Double Printing-Press	Jonas Booth, senior, James Booth, Thomas Booth, Jeremiah Booth, and Jonas Booth, jr.	New York	Sept. 1
305	in the construction of a furnace cooking-stove, called the Alterable Cooking and Franklin Stove	George Richards	Providence, R. I.	9
306	in the brick-press	John Woodson	Rockbridge co., Va.	10
307	in the construction and erection of vaults and privies	Thomas Rundle	Boston, Mass.	10
308	in covering houses with tin-plate, sheet-iron, or zinc	Richard S. Tilden	Lynchburg, Va.	10

309	in the art of manufacturing sugar from cane juice	Ebenezer A. Lester	Boston, Mass.	" 10
310	in a machine for washing, and an improvement for heating water for the same	Enos D. Cherry	Auburn, N. Y.	" 10
311	in the art of threshing wheat, rye, oats, barley, and all kinds of small grain	James S. Wood	Pattensburg, Va.	" 10
312	in a machine for washing alluvial earth, clay, and soft ores, and separating and saving the gold from the same	William H. Folger	Charlotte, N. C.	" 10
313	in the washing machine	George A. Stocking	Aurelius, N. Y.	" 10
314	in the railway carriage or car, which he denominates the Self-adapting Railway Carriage or Car in lamps and producing light	James Wright	Columbia, Penn.	" 10
315	in the Self-adapting Railway Carriage or Car	Isaiah Jennings	New York	" 10
316	in the auger, called the Serpentine Screw Auger	George Shelter	York, Penn.	" 10
317	called the Improved Circular Planing Engine	Uri Emmons	New York	" 10
318	in the art of constructing and building lime-kilns, for the purpose of burning lime	Louis Bomeisler	Philadelphia, Penn.	" 10
319	in the manufacture of fine white writing paper, or composition of matter or material for making paper of straw	Louis Bomeisler	Philadelphia, Penn.	" 10
320	called an Improved Veneering Saw	Amos F. Smith	Salem, Mass.	" 10
321	in the mode of communicating motion to mill and other works, by applying a water-wheel to the current of a river, and in the machinery to effect the same, called the Current Mill	Joseph Wallace	Hartford, Ky.	" 11
322	in the machinery of a locomotive carriage, in applying the principle of the ground chain or rope, and drum, to the use of inclined planes for roads and canals	Sands Olcott	Harsimus, N. J.	" 11
323	in the plough	Thomas Brown	New York	" 11
324	in the manner of drawing water from forebays, and discharging it on water-wheels	J. P. Espy & A. Young	Philadelphia, Penn.	" 11

LIST OF PATENTS - Continued.

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No.	Inventions and Discoveries.	Names of Patentees.	Residence.	When issued.
325	Imp't, being cast-iron copings or finishings for chimneys, fire-guards, ridges, &c. of buildings	Charles Neer	Waterford, N. Y.	1829. Sep. 11
326	in the art of making iron hubs of carriage-wheels, called Thomas's Improved Carriage-wheel Hub	Hercules Thomas	Middleboro', Mass.	" 11
327	in the fly-net for saddle, gig, or carriage horses	Henry Horn	Philadelphia, Penn.	" 12
328	in the machine for cutting panels for carriages and other work, and veneers round or off the circular surface of a log	Job White and Phineas Quimby	Belfast, Maine	" 12
329	in the common water-pump	John W. Illias	Baltimore, Md.	" 16
330	in the machine for dropping and planting all kinds of seeds, and preparing seeds for planting	Zebina Lane	Harrisburg, N. Y.	" 21
331	in the manufacture of harness trimmings and carriage ornaments	William S. Robinson	Taunton, Mass.	" 22
332	in manufacturing boots and shoes, called the Manufacturing of Perpetual Polished Water-proof Boots and Shoes	John Rynex, John Haskins and Sam'l Knower	Boston, Mass.	" 23
333	in the machine used in binding wagon-tire, hoops, bands, &c.	Josiah Butler	Cobleskill, N. Y.	" 24
334	in making guns, called the Eight-barrelled Percussion Gun	Samuel L. Faries	Middletown, Ohio	Oct. 10
335	in bilgeways	John Thomas	New York	" 10

336	in rubbing down and polishing combs				
337	for sawing shingles, called McOmber's Shingle Mill	Lewis B. Prindle and David Curtis	Newtown, Conn.	"	10
338	in the washing of cloths and clothing, and scouring the same, called by him the Queen's Washer	Richard McOmber	Galway, N. Y.	"	10
339	in the application of power to or on machinery, either by horse, water, or steam power	Pinkham Mosher	Ballston Spa, N. Y.	"	10
340	in river dams for the easy passage up and down of fish and of vessels	Robert Mitchell	Cynthiana, Ky.	"	10
341	in making combs	Patrick Magrath	Philadelphia, Pa.	"	10
342	called Sillibridge's Composition Hinge Stock	Ely Sperry	New Haven, Conn.	"	10
343	called Gilliam's Cotton Cleaner	Gardner R. Sillibridge	New York	"	10
344	in the mode of raising vessels out of water, called the Screw Dock	James Gilliam	Reedy Fork, S. C.	"	10
34	in bell-hanging	Elisha Turner	Rochester, N. Y.	"	10
346	in the art and machinery for spinning cotton, silk, flax, and other materials	James Russell	New York	"	10
347	in making bit-stocks of composition	George Addison and Samuel H. Stephens	New York	"	10
348	in the shingle machine	Augustus Phelps	Marlborough, Conn.	"	10
349	in a machine for supplying the boilers or generators of a steam-engine by means of a revolving valve	Joel Barnes	Cornwall Bridge, Conn.	"	10
350	in the washer and churn	Elam Young	Tate Township, Ohio	"	10
351	in the tree of saddles, called the Patent Leather Tree Saddle	George B. Gibbs	Le Raysville, Penn.	"	10
352	in the common saw-setter, by the application of a gauge	Matthias Halderman	Trapp, Pa.	"	12
353	in the machine or inclined plane for raising or lowering boats from one level to another on canals	Ira Hatch	Westford, Vermont	"	12
354	in hanging and straining saws	Ephraim Morris and Levi Chapin	Bloomfield To. Pa. and Walpole, N. H.	"	13
				"	13

LIST OF PATENTS—Continued.

No.	Inventions and Discoveries.	Names of Patentees.	Residence.	When issued.
355	Impt. in the process of cleaning feathers, called the feather cleaning machine	Charles Toupet	New York	1829.
356	in scalding and napping hats	Daniel Baldwin	Ithaca, N. Y.	Oct. 15
357	in the mode of constructing a churn for the manufacturing of butter, called the box churn	-	-	15
358	in the harpoon	Thos. Morrison, and Lansing Morrison	Groton, N. Y.	16
359	in tightening doors and windows	Jona. Sizer, 2d	New London, Conn.	16
360	in the knob lock	Stephen Hayward	Plainfield, Mass.	17
361	in the churn	James Patterson	Pittsburgh, Pa.	19
362	in the application of hydraulic power	James C. Barrett	Collins, N. Y.	19
363	in the manner of inking types, stereotype plates, wood cuts, casts, or any object, from which an impression can be taken, which he denominates the gravitating inking roller apparatus	Zebulon Parker and Austin Parker	Cohocton co. O.	19
364	being a floating sawmill	William J. Stone	Washington city, D. C.	20
365	in the washing machine	John C. Ely	New York	21
366	in agriculture, viz a plough	Henry Shively, Rob't S. McEwen, and John Lindsey	Fredericksburg, O.	21
367	in the plough	Reuben Reeder and Stephen D. Ashley Timothy Miller	Madisonville, O. Pittsburg, Pa.	21 23

368	in the machine for pressing cheese, tobacco, flour, apples for cider, hay, paper, &c. called the double Leon spring power press			
369	in the reduction of friction in rail road carriages	Richard McOmber	-	Galway, N. Y.
370	in the perambulator	Hugh Finlay	-	Baltimore, Md.
371	in the construction of trusses for reducible hernia, for which three several patents have been granted to said Amos G. Hull, viz one on the 17th day of July, 1817, one on the 27th day of February, 1823, and one on the 19th day of August, 1824; all of which patents being hereby cancelled on account of incorrect specifications, (this patent is dated the 17th day of July, 1817, and issued on the 28th of October, 1829)	Anthony Gifford	-	West Point, Mass.
372	in the cooking grate	Amos G. Hull	-	New York
373	in the manufacturing of boots	Thomas Vinton	-	Philadelphia, Pa.
374	in the art of milling	Alden Burdick	-	Carroll, N. Y.
375	in pumps	Jesse Reeder	-	Lebanon, O.
376	in the cradle, called the self moving cradle	John B. Pell	-	New York
377	in the manufacturing of chandeliers from the crystallization of salts	Anth'y Buchenberger	-	New York
378	for winding up clocks, called Ward's self moving power	Franklin Ransom	-	Buffalo, N. Y.
379	in the churn	Richard Ward	-	Waterbury, Conn.
380	in steam engines	Horace Saxton	-	Paris, N. Y.
381	in the construction of stoves for culinary purposes, by means whereof there is a great saving of fuel and labor, called an improved cooking stove	Mellen Battle	-	Albany, N. Y.
382	in the construction of boilers	Jos. Hurd, jun.	-	Boston, Mass.
		Jos. Hurd, jun.	-	Boston, Mass.

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No.	Inventions and Discoveries	Names of Patentees.	Residence.	When issued.
383	Impt. in the construction of fireplaces or furnaces, and in the application of heat by means thereof, for culinary and other purposes, called a furnace with reflectors	Jos. Hurd, jun.	Boston, Mass.	1829.
384	in the construction of ovens with reflectors	Jos. Hurd, jun.	Boston, Mass.	Nov. 10
385	in the machine for spinning wool	John Orndorff	Russellville, Ky.	10
386	in the throstle for spinning cotton	Samuel Blydenburgh	New York	10
387	in the mode of making shingles by machinery at one operation, called the improved shingle machine	Simeon Wood	Holden, Mass.	10
388	in the oval churn	John Oothoudt	Lebanon, N. Y.	10
389	in the art of distilling the meal of maize or Indian corn	Anthony Doolittle	Ann Harbor, M. T.	10
390	in the mode of making or manufacturing stove funnel, tin ware, or copper ware	Oliver Hubbard	Claremont, N. H.	12
391	in the machine for riving, drawing, jointing, and squaring shingles	Parke Jones	James' City co. Va.	12
392	in the washing machine	Elezzer Berry	New York	12
393	in mills for grinding, washing, and separating gold and silver from ores, earth, or in whatever state these metals may be found; patented to him on the 13th day of February, 1826, which patent being hereby cancelled on account of defective specification, (re-issued 18th of November, 1829)	William H. Folger	Charlotte, N. C.	1828. Feb. 13
394	in the Eclipse machine for washing clothes	Charles D. Wright	E. Haddam, Conn.	1829. Nov. 19

395	in the faggoting and making of anchors	J. Tucker and J. Judge	Washington, D. C.	19
396	called an improved stereotype plate	Nathan Hale	Boston, Mass.	20
397	in the manufacture of thoroughly carbonated steel from bars of good wrought iron	Stephen Pope	New York	20
398	in the chain wheel	J. Hines and E. D. McCord	Sandy Hill, N. Y.	20
399	being a new and useful mode of propelling boats in the water by the application of sculling wheels, or screw propelling wheels	Benjamin M. Smith - W. Davis and R. W. Lord	Rochester, N. Y.	20
400	in the anthracite coal cooking stove		New York	23
401	in making or manufacturing a <i>muclilagenous durable compound</i> as a substitute for oil in the making of paints	Lawrence J. Vankleek Roswell Brainard	Poughkeepsie, N. Y. - Haddam, Con.	" 23 " 23
402	in a machine for washing clothes	John S. Hanna	Mercer, Pen.	" 23
403	being a new and useful machine to be employed in the manufacture of brick	Henry Ruggles	New York	" 24
404	in spinning or throwing silk, cotton, flax, wool, and other fibrous substances, being an improvement on the throstle frame in common use			
405	being a new and useful machine for washing, scouring, and fulling cloth, and manufacturing the same, thrashing, working hat bodies, making matting, or carpeting of wool, fur, or other substances	Harvey Stayton Stanley Carter	Lockport, N. Y. - Ranyhani, Mass.	" 25 " 25
406	in guide and sign boards			
407	upon the door-spring or machine or instrument attached to doors for the purpose of closing or shutting them	Lynus Burwell Thomas G. Owen	Berlin, Con. - Baltimore, Md.	" 25 " 26
408	in thrashing machines			
109	in making fence of wire or cords or twine, and in making seines or nets of wire	Chauncey Hall	Meriden, Con.	" 27

No.	Inventions or Discoveries.	Names of Patentees.	Residence.	When issued.
410	Impt. in pump buckets	David Coon	Mendon, N. Y.	1829
411	in paddle wheels	Jacob Perkins	London, England	Nov. 28
412	in the use of means to churn or to perform the process of agitation	Hosea H. Grover	Auburn, N. Y.	" 30
413	for propelling vessels of every description by means of "inside lever propelling wheels," with the assistance (at pleasure) of wind and steam ship pipes			" 30
414	on the press known by the name of Bramah's hydrostatic press	Jno. James Giraud	Baltimore, Md.	Dec. 1
415	in the mode of distributing the ink and applying the same to the types in letter-press printing	David H. Mason and Matha. W. Baldwin	Philadelphia, Pa.	" 2
416	in the art of bolting flour and meal	John Prince	New York	" 3
417	in distilling	William H. Akins	Berkshire, N. Y.	" 3
418	in the churn, by lever power	William Cook	Southport, N. Y.	" 7
419	in the art of purifying and rectifying peach, apple, and cider brandy and whiskey by redistillation and filtration	William Cook	Southport, N. Y.	" 7
420	in the construction and mode of discharging firearms of various kinds	Robert Manek	Gallipolis, Ohio	" 7
421	in the cultivator	Robert Eastman	Brunswick, Me.	" 7
422	in the machine for shearing the nap from woollen cloth	Isaac Cobb	Westminster, Ver.	" 7
		Merritt Hurd	Augusta co. N. Y.	" 7

423 in a machine for manufacturing wrought or drawn
nails, &c. - - - - -

424 called the improved shingle cutter - - - - -

425 being a machine for excavating earth under water,
called Teal's invented metallic scraper - - - - -

426 being a machine for elevating heavy guns - - - - -

427 in the percussion primers for cannon - - - - -

428 in the common turners' lathe for the turning of wood
and other substances - - - - -

429 in the grist mill and horizontal spurs' water wheel - - - - -

430 in the carriages for rail roads and other purposes - - - - -

431 in the art of charring wood for the manufacture of
charcoal - - - - -

432 in the machinery for thrashing grain - - - - -

433 in the machine (originally invented by him) for hull-
ing or husking cotton seed, and separating the
hull from the kernel - - - - -

434 in the machine for washing and boiling all kinds of
wearing apparel, bed clothes, or fabrics, viz: wool-
lens, cotton, hemp, and linen of every kind - - - - -

435 in the machinery for setting up hat bodies, called
the hat body forming machine - - - - -

436 in weaving narrow stuff, such as ribbons, webbings,
tapes, ferrets, girthings, chaise lace, fringes, &c.
without the use of shuttles - - - - -

437 in the churn for the manufacture of butter from
milk, which he denominates the labor-saving
churn - - - - -

438 in his patented bridges - - - - -

Shadk. Davis, jun.	-	Dartmouth, Mass.	-	"	8
Joel N. Johnson	-	Fredonia, N. Y.	-	"	8
Oliver Teal	-	Salina, N. Y.	-	"	8
L. & Wm. H. Bell	-	Fortress Monroe, Va.	-	"	8
L. & Wm. H. Bell	-	Fortress Monroe, Va.	-	"	8
Elijah Putnam	-	Gardner, Mass.	-	"	9
Alexander Temple	-	Brookfield, Ohio	-	"	11
John J. Reckery	-	Baltimore, Md.	-	"	11
Isaac Doolittle	-	Bennington, Vt.	-	"	14
William Barnes	-	Brookhaven, N. Y.	-	"	14
Francis Follet	-	Petersburg, Vir.	-	"	15
J. T. W. Dennis	-	Paintville, Ohio	-	"	16
Orlando Root	-	Montgomery co. N. Y.	-	"	19
John Thorp	-	Providence, R. I.	-	"	22
Samuel J. O'Brien	-	New York	-	"	22
Lewis Wernwag	-	Jefferson co. Va.	-	"	22

LIST OF PATENTS—Continued.

No.	Improvements or Discoveries.	Names of Patentees.	Residence.	When Issued.
439	Impt. in the application of the power of tide water, connected with the principles of buoyancy and gravity, for the purpose of applying power to machinery or any other required use, called "Western's tide power",	Henry M. Western - Mark L. Chase -	New York - Frankfort, Maine -	1829 Dec. 23 " 23
440	in the grist mill -	Jabez Smith -	Petersburg, Va. -	" 28
441	in the machine for hulling or husking cotton seed, and separating the hull from the kernel -	Reuben Mosher and Amos Mosher	Galway, N. Y. -	" 28
442	in a machine for paring apples -	Nathaniel Adams and Aaron Noyes -	Cornwall, N. Y. - Newburgh, N. Y. -	" 28
443	in the mode of burning brick -	Josiah Thompson -	Philadelphia, Pa. -	" 30
444	in the application of hot water or steam in the making of casks, barrels, hogsheds or kegs -	Joseph B. Wheeler -	Galway, N. Y. -	" 30
445	in spinning and roping cotton and wool, called the golden spinner -	John Haws -	Hudson, N. Y. -	" 31
446	in the threshing machine -	William Hosford, jr. -	Washington townsh. O -	" 31
447	being a power machine -			

Doc. No. 16.]

The following Abstract exhibits the number of Patents sent to each State.

Maine	-	-	10	Ohio	-	-	-	30
New Hampshire	-	-	8	Tennessee	-	-	-	2
Massachusetts	-	-	59	Indiana	-	-	-	2
Rhode Island	-	-	11	Louisiana	-	-	-	1
Connecticut	-	-	45	Alabama	-	-	-	2
Vermont	-	-	3	Illinois	-	-	-	0
New York	-	-	157	Missouri	-	-	-	2
New Jersey	-	-	4	Mississippi	-	-	-	0
Pennsylvania	-	-	46	Michigan Territory	-	-	-	3
Delaware	-	-	00	District of Columbia	-	-	-	8
Maryland	-	-	12	England	-	-	-	1
Virginia	-	-	17	France	-	-	-	1
North Carolina	-	-	3					
South Carolina	-	-	7					
Georgia	-	-	3	Total	-	-	-	447
Kentucky	-	-	9					

PATENTS FOR USEFUL INVENTIONS.

LETTER

FROM

THE SECRETARY OF STATE,

TRANSMITTING

A list of Patents granted for useful Inventions during the year 1830.

JANUARY 13, 1831.

Read, and laid upon the table.

DEPARTMENT OF STATE, January 1, 1831.

SIR: In pursuance of the resolutions of the House of Representatives of the United States, dated the 13th of January, 1812, and the 2d of April, 1830, I have the honor of transmitting a list of the names of persons who have invented any new or useful art or machine, manufacture, or composition of matter, or any improvement thereon, and to whom patents have been issued for the same from this office, from the 1st day of January, 1830, to the 1st day of January, 1831, with the dates and general objects of such patents; and also the residence of the patentees, as far as they could be ascertained.

I have the honor to be,
With great consideration,
Your very obedient servant,
M. VAN BUREN

The Hon. the SPEAKER of the Ho. of Reps. U. S.

LIST OF PATENTS—AGRICULTURE.

INVENTORS' NAMES.	RESIDENCE.	INVENTIONS OR DISCOVERIES.	WHEN IS- SUED.
Arnold, Gilbert	Angelica, N. Y.	Grain, cleaning and dressing	1830.
Armstrong, Abel D.	Springfield, O.	Plough, agricultural	June 17.
Atwood, Henry C.	Woodbury, Ct.	Threshing machine	Jan. 15.
Allen, Samuel S.	Springport, N. Y.	Do.	Jan. 23.
Arnold, James H. and J. Bousell	Morristown, O.	(patent of Nov. 1st, 1828, cancelled)	May 13.
Beard, Ebenezer	Charleston, Ma.	Threshing machine	July 8.
Ball, Daniel	Sandy Hill, N. Y.	Bee-hive, slide	Mar. 12.
Borden, Thomas	Newport, R. I.	Flax and hemp machine	July 7.
Barnard, Derrick	Washington, Del.	Plough	Jan. 13.
Butts, Jehiel	Georgetown, S. C.	Do. cast iron	Apr. 21.
Beach, Joseph	Middletown, Ct.	Rice, machine for thrashing	May 20.
Beecher, Benjamin D.	Woodbury, Ct.	Do. do. hulling and working a trip hammer	Oct. 1.
Burrall, Thomas D.	Geneva, N. Y.	Thrashing grain, helling corn, and cutting straw, &c.	Oct. 20.
Briant, Gernain	Richmond, Va.	Thrashing and winnowing wheat and small grain	Dec. 6.
Coffey, Reuben	Burke county, N. C.	Tobacco stemming	Nov. 11.
Conklin, James H.	Peekskill, N. Y.	Planting corn and peas	Dec. 14.
Cobbs, John P.	Nelson county, Va.	Plough-share, cast iron	Jan. 13.
Cline, Samuel	New Britain, Pa.	Do. hill side	Oct. 1.
Case, Jeremiah	Sodus, N. Y.	Do. combined	Nov. 12.
Clark, James, and Isaac Starks	Genoa, N. Y.	Smut machine	Oct. 1.
Clarke, Chester	Colebrookdale, Pa.	Thrashing machine	Jan. 20.
Corwith, William	New York	Thrashing and hulling clover seed	Jan. 28.
Cooper, James	Augusta county, Va.	Do. machine	Mar. 23.
		Do. do.	Apr. 12.

Gaustin, R. L.	Ledyard, N. Y.	Thrashing machine	-	-	Oct. 1.
Cooley, Lenmon	Philadelphia, Pa.	Do. and hulling clover seed	-	-	Nov. 11.
Dewey, Joel, jr.	Troy, N. Y.	Flax and hemp machine	-	-	Nov. 25.
Do.	do.	Thrashing machine	-	-	Jan. 29.
Douglass, James, and Walter Johnson	Attica, N. Y.	Thrashing machine	-	-	May 14.
Darrah, James, and Jacob Kineey	Ruscombmanor, Pa.	Thrashing and hulling clover seed	-	-	Nov. 6.
Flagg David, jr.	New York	Grates, revolving, for grating apples and other vegetables	-	-	Dec. 20.
Folton, Samson	Huntington, Pa.	Plough	-	-	Nov. 1.
Flagg, David, jr.	New York	Rice thrasher, rotary	-	-	Nov. 29.
Fisher, Samuel, and David Sperry	Amsterdam, Va.	Thrashing machine	-	-	May 19.
Flagg, David, jr.	Gardiner, Me.	Do.	-	-	June 4.
Do.	New York	Do.	-	-	July 10.
Gorgas, Jacob	Fredericksburg, Pa.	Clover seed, machine for shelling	-	-	Jan. 15.
Gardner, Phineas	Woodville, Ms.	Cotton gin saw	-	-	Apr. 22.
Gambell, Squire	Onondaga, N. Y.	Thrashing machine	-	-	June 24.
Hoyt, William	Vernon, Ind.	Corn shelling machine	-	-	Dec. 17.
Hawley, William C.	Brookfield, Ct.	Fan mill	-	-	Oct. 1.
Halladay, J.	Hartford, N. Y.	Flax machine	-	-	Mar. 4.
T. Eldridge,					
C. Gibbs, and J. D. Smith					
Hampton, Jesse	Lexington, Ky.	Preserving meats and fruits	-	-	Mar. 12.
Humphrey, Rufus	Victor, N. Y.	Thrashing machine	-	-	Dec. 27.
Harris, Charles	Snowhill, O.	Wool, washing on the sheep	-	-	Oct. 1.
Ingersoll, Thomas	Murray, N. Y.	Thrashing machine	-	-	Mar. 23.
Jessup, George	Troy, N. Y.	Thrashing machine—improvement on Ballou's	-	-	Dec. 14.
Ingersoll, Erastus	Farmington, Mich.	Mowing machine	-	-	May 7.
Krauss, A. and J. Krauss	Upper Milford, Pa.	Plaster, lime, &c.	-	-	Oct. 16.

INVENTORS' NAMES.	RESIDENCE.	INVENTIONS OR DISCOVERIES.	WHEN ISSUED.
Laning, Samuel	Camden, N. J.	Apples, machine for gathering	1830.
Lindsey, Noah	Catskill, N. Y.	Thrashing machine	Nov. 1.
Lupton, Amos,			May 7.
Jacob Janney, and	Frederick county, Va.	Thrashing machine	July 28.
John Lupton			
Manning, William	Westfield towns'p, Pa.	Clover seed, rice, barley, &c., machine for hulling	Nov. 24.
McCormick, Robert	Rockbridge co. Va.	Flax and hemp machine	Oct. 1.
Meigs, Phineas, and			
M. C. Arnold	Madison, Ct.	Planting and digging potatoes, ploughing corn, &c.	Nov. 3.
Mitchell, Adam	Washington co. Ten.	Plough, bow share	Oct. 1.
Moyer, Daniel	Crookstown, Pa.	Thrashing machine—improvement on Warren's	Feb. 10.
Miller, Rudolph	Marietta, Pa.	Thrashing machine	Mar. 15.
Nisbet, Samuel	Toboyne township, Pa.	Plough	May 25.
Nichols, Ethan H. and			
Thaddeus Fairbanks	St. Johnsbury, Vt.	Flax and hemp dresser	Oct. 1.
Neal, Jesse, assignee			
of Phineas Pettis	Middlebury, O.	Grain scouring	July 2.
Norton, John L.	Charleston, S. C.	Rice and barley machine	May 7.
Ottinger, Wm.	Whitemarsh, Pa.	Thrashing machine	Oct. 1.
Pawling, Charles	Gregg township, Pa.	Plough	May 21.
Preston, Titus	Wallingford, Ct.	Straw cutter	Oct. 1.
Peters, John	Harrisburgh, Pa.	Thrashing machine	June 12.
Rice, Charles	Barre, Mass.	Cider mill	Nov. 11.
Rich, John, jr.	Troy, N. Y.	Flax and hemp machine	May 20.
Ravenel, John	Charleston, S. C.	Rice, machine for cleaning	Jan. 29.

Ross, Wm.	Pennfield, N. Y.	Threshing machine	-	April 1.
Sears, David	Franklin, N. Y.	Fanning mill	-	Mar. 24.
Scott, Wm. K.	Sandy Hill, N. Y.	Flax and hemp machine	-	Feb. 11.
Smith, Abel, and Jas. Olney	Westmoreland, N. Y.	do do for dressing	-	July 10.
Sanford, Nat. C. and Erastus P. Parmelee	Meriden, Ct.	Rake, iron teeth	-	June 8.
Sands, Ephraim	Cincinnati, O.	Rice, machine for thrashing	-	May 24.
Slover, Asher, and Wm. Sperry	New York	Threshing machine	-	June 29.
Stowitts, John	Gorham, N. Y.	do do	-	July 13.
Slater, Samuel	Philadelphia, Pa.	do do and winnowing machine	-	Oct. 1.
Sperry, Wm.	New York	do machine	-	“
Smith, Alonzo L.	Brutus, N. Y.	do do	-	Nov. 24.
Tomlinson, Wm. A.	New York	Beef, salted, mode of making and curing	-	Dec. 14.
Tam, Lemuel C.	Milton, Del.	Harrow teeth, fluke	-	Mar. 30.
Thurston, Edward	New York	Threshing grain, shelling corn	-	Nov. 1.
Turner, Samuel, and Norris Barnes	Aurelius, N. Y.	do machine	-	Nov. 27.
Tuck, Dorris G.	Halifax co. Va.	Tobacco, drying and curing	-	Oct. 1.
Urrier, Michael	Upper Milford, Pa.	Grain, cleaning, &c.	-	“
Wilson, Samuel	Darlington, S. C.	Plough, shovel cutter	-	Feb. 6.
Walker, Robert	Washingtonville, Pa.	do do	-	Mar. 10.
Wilson, Samuel	Darlington, S. C.	Straw cutter	-	Nov. 11.
Warren, Edmond	New York	Threshing machine	-	Jan. 29.
Wood, Wm. J.	Batavia, N. Y.	do do	-	Oct. 1.
Yuger, Jacob	Harrisburgh, Pa.	Plough	-	June 9.

LIST OF PATENTS—AGRICULTURE—Continued.

INVENTIONS OR DISCOVERIES.			NAMES OF PATENTERS.	RESIDENCE.	WHEN ISSUED.
Apples, machine for gathering -	-	-	Samuel Laning	Camden, N. J.	1830.
Bee hive, slide -	-	-	Ebenezer Beard -	Charlestown, Mass.	Nov. 1.
Beef, salted, mode of making and curing -	-	-	Wm. A. Tomlinson -	New York -	Mar. 12.
Cider mill -	-	-	Charles Rice -	Barre, Mass.	Dec. 24.
Clover seed, machine for shelling -	-	-	Jacob Gorgas -	Fredericksburg, Pa.	Nov. 11.
do do rice, barley, &c. machine for hulling -	-	-	Wm. Manning -	Westfield township, Pa.	Jan. 15.
Corn shelling machine -	-	-	Wm. Hoyt -	Vernon, Ind.	Nov. 24.
Cotton gin saw -	-	-	Phineas Gardner -	Woodville, Mass.	Dec. 17.
Fan mill -	-	-	Wm. C. Hawley -	Brookfield, Ct.	Ap. 22.
Fanning mill -	-	-	David Sears -	Franklin, N. Y.	Oct. 1.
Flax and hemp machine -	-	-	Wm. K. Scott -	Sandy Hill, N. Y.	Mar. 24.
Flax machine -	-	-	J. Halladay, T. Eldridge, C. Gibbs, and J. D. Smith -		Feb. 11.
Flax and hemp machine -	-	-	John Rich, jr. -	Hartford, N. Y.	Mar. 4.
do do -	-	-	Daniel Ball -	Troy, N. Y.	May 20.
do do for dressing -	-	-	Abel Smith, and Jas. Olney -	Sandy Hill, N. Y.	July 7.
do do -	-	-	Robert McCormick -	Westmoreland, N. Y.	July 10.
do dresser -	-	-	Ethan H. Nichols, & Thadeus Fairbanks -	Rockbridge co. Va.	Oct. 1.
do machine -	-	-	Joel Dewey, jr. -	St. Johnsbury, Vt.	"
Grain, cleaning and drying -	-	-	Gilbert Arnold -	Troy, N. Y.	Nov. 25.
do scouring -	-	-	Jesse Neal, assignee of Phineas Pettis -	Angelica, N. Y.	June 17.
	-	-		Middlebury, O.	July 2.

Grain, cleaning, &c.	-	-	-	Michael Urffer	-	Upper Milford, Pa.	Oct. 1.
Grater, revolving, for grating apples and other vegetables	-	-	-	David Flagg, jr.	-	New York	Dec. 20.
Harrow tooth. fluke	-	-	-	Lemuel Tam	-	Milton, Del.	Mar. 30.
Mowing machine	-	-	-	Erastus Ingersoll	-	Farmington, Mich.	May 7.
Planting and digging potatoes, ploughing corn, &c.	-	-	-	Phineas Meigs, and M. C. Arnold	-	Madison, Ct.	Nov. 3.
Planting corn and peas	-	-	-	Reuben Coffey	-	Burke co. N. C.	Dec. 14.
Plaster, lime, &c.	-	-	-	Andrew Krauss, and Joel Krauss	-	Upper Milford, Pa.	Oct. 16.
Plough share, cast iron	-	-	-	James H. Conklin	-	Peckskill, N. Y.	Jan. 13.
do do	-	-	-	Thomas Borden	-	Newport, R. I.	"
do agricultural	-	-	-	Abel D. Armstrong	-	Springfield, O.	Jan. 15.
do shovel cutter	-	-	-	Samuel Wilson	-	Darlington, S. C.	Feb. 6.
do do	-	-	-	Robert Walker	-	Washington, Pa.	Mar. 10.
do cast iron	-	-	-	Derrick Barnard	-	Washingtonville, Del.	Apr. 21.
do do	-	-	-	Charles Pawling	-	Gregg township, Pa.	May 21.
do do	-	-	-	Samuel Nisbet	-	Toboyne township, Pa.	May 25.
do do	-	-	-	Jacob Yager	-	Harrisburgh, Pa.	June 9.
do do	-	-	-	John P. Cobbs	-	Nelson co. Va.	Oct. 1.
do hill side	-	-	-	Adam Mitchell	-	Washington co. Tenn.	"
do bar share	-	-	-	Samson Felton	-	Huntington, Pa.	Nov. 1.
do do	-	-	-	Samuel Clime	-	New Britain, Pa.	Nov. 12.
do combined	-	-	-	Jesse Hampton	-	Lexington, Ky.	Mar. 12.
Preserving meats and fruits	-	-	-	Nathaniel C. Sanford, and Erastus P. Par- melee	-	Meriden, Ct.	June 8.
Rake, iron tooth	-	-	-	John Ravenel	-	Charleston, S. C.	Jan. 29.
Rice, machine for cleaning	-	-	-	John L. Norton	-	do	May 7.
Rice and barley machine	-	-	-	Jehiel Butts -	-	Georgetown, S. C.	" 20.
Rice, machine for threshing	-	-	-	Phraham Sands	-	Cincinnati, Ohio	" 24.
Do do	-	-	-	Joseph Beach	-	Middletown, Ct.	Oct. 1.
Do do for hulling and working a trip hammer	-	-	-		-		

LIST OF PATENTS—AGRICULTURE—Continued.

INVENTIONS OR DISCOVERIES.		NAMES OF PATENTEES.		RESIDENCE.	WHEN ISSUED.
Rice thresher, rotary	-	David Flagg, jr.	-	New York	1830.
Smut machine	-	Jeremiah Case	-	Sodus, N. Y.	Nov. 29
Straw cutter	-	Titus Preston	-	Wallingford, Ct.	Oct. 1
Do do	-	Samuel Wilson	-	Darlington c. h., S. C.	"
Threshing machine	-	Ja's Clark & Ia. Starks	-	Genoa, New York	Nov. 11
Do do	-	Henry C. Atwood	-	Woodbury, Ct.	Jan. 20
Do do	-	Chester Clarke	-	Colebrookdale, Pa.	" 23
and hulling clover seed	-	Edmund Warren	-	New York	" 28
Do do	-	Joel Dewey, jr.	-	Troy, N. Y.	" 29
Do do	-	Daniel Moyer	-	Cootstown, Pa.	"
improvement on Warren's	-	Rudolph Miller	-	Marietta, Pa.	Feb. 10
Do do	-	Thomas Ingersoll	-	Murray, N. Y.	Mar. 15
Do do	-	William Corwith	-	New York	" 23
Do do	-	William C. Ross	-	Pennfield, N. Y.	"
Do do	-	James Cooper	-	Augusta co., Va.	April 1
Do do	-	Noah Lindsey	-	Catskill, N. Y.	" 12
Do do	-	Samuel S. Allen	-	Springport, N. Y.	May 7
(patent of November 1st, 1828, cancelled)	-	James Douglass and Walter Johnson	-	Attica, N. Y.	" 13
Do do	-	Samuel Fisher and David Sperry	-	Amsterdam, Va.	" 14
Do do	-	David Flagg, jr.	-	Gardiner, Maine,	" 19
Do do	-	John Peters	-	Harrisburgh, Pa.	June 4
Do do	-	Squire Gambell	-	Onondaga, N. Y.	" 12
	-		-		" 24

Threshing machine	-	-	-	-	-	Asher Slover and William Sperry	New York	-	"	29
Do do	-	-	-	-	-	James H. Arnold and J. Bonsall	Morristown, Ohio	-	July	8
Do do	-	-	-	-	-	David Flag, jr.	New York	-	"	10
Do do	-	-	-	-	-	John Stowitts	Gorham, N. Y.	-	"	13
Do do	-	-	-	-	-	Amos Lupton, Jacob Janney, and John Lupton	Frederick co., Va.	-	"	28
Do do	-	-	-	-	-	R. L. Caustin	Ledyard, N. Y.	-	Oct.	1
Do do	-	-	-	-	-	William Ottinger	Whitemarsh, Pa.	-	"	"
Do and winnowing machine	-	-	-	-	-	Samuel Slater	Philadelphia, Pa.	-	"	"
Do machine	-	-	-	-	-	William J. Wood	Batavia, N. Y.	-	"	"
Do do	-	-	-	-	-	William Sperry	New York	-	"	"
Do grain, shelling corn, and cutting straw, &c.	-	-	-	-	-	Benjamin D. Beecher	Woodbury, Ct.	-	Oct.	20
Do do do	-	-	-	-	-	Edward Thurston	New York	-	Nov.	1
Do do and hulling clover seed	-	-	-	-	-	James Darrah	Cookstown, Pa.	-	}	6
Do do do do	-	-	-	-	-	Jacob Kinsey	Ruscomb manor, Pa.	-	}	"
Do machine	-	-	-	-	-	Lenmon Cooley	Philadelphia, Pa.	-	"	11
Do do	-	-	-	-	-	Alonzo L. Smith	Brutus, N. Y.	-	"	24
Do do	-	-	-	-	-	Samuel Turner and Norris Barnes	Aurelius, N. Y.	-	"	27
Do and winnowing wheat and small grain	-	-	-	-	-	Thomas D. Burrall	Geneva, N. Y.	-	Dec.	6
Do machine, improvement on Ballou's	-	-	-	-	-	George Jessup	Troy, N. Y.	-	"	14
Do do	-	-	-	-	-	Rufus Humphry	Victor, N. Y.	-	"	27
Tobacco, drying and curing	-	-	-	-	-	Davis G. Tuck	Halifax co., Va.	-	Oct.	1
Do stemming	-	-	-	-	-	Germain Breant	Richmond, Va.	-	Nov.	11
Wool, washing on the sheep	-	-	-	-	-	Charles Harris	Snowhill, Ohio	-	Oct.	1

LIST OF PATENTS—FACTORY MACHINERY.

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INVENTORS' NAMES.	RESIDENCE.	INVENTIONS OR DISCOVERIES.	WHEN ISSUED.
Aiken, Herrick	Dracut, Mass.	Brushes, cloth or hair	1830.
Allen, Zachariah	Providence, R. I.	Cloth, woollen, finishing	May 24
Atwood, Anson	Salem, N. Y.	Fulling mill and power loom	Feb. 23
Allen, Zachariah	Providence, R. I.	Napp, forming on woollen cloth	Oct. 1
Atwood, Charles	Middletown, Conn.	Roll preserver, or mode of taking the wool from the doffers of the breakers	Feb. 2
Aiken, Herrick	Dracut, Mass.	Saw-set	Nov. 1
Atwood, Charles	Middletown, Conn.	Slubbing, making woollen, called Atwood's twisting slubber	May 24
Atwood, Charles	do do	Spools, winding conical, for slubbing from the card	Mar. 10
Annesley, William	Albany, N. Y.	Timber, mode of uniting, for domes, bridges, &c.	Nov. 1
Allen, Zachariah	Providence, R. I.	Cloth, woollen, finishing	" 6
Beckwith, Jedediah	Saratoga, N. Y.	Boring timber	Feb. 23
Blake, Philos	New Haven, Conn.	Brushes, tooth	Dec. 21
Baker, Elisha	Warwick, R. I.	Cotton whipper, revolving	Mar. 8
Barron, James	Norfolk, Va.	Fan for bed chambers, dining rooms, halls, &c., moved by mechanism	June 4
Beals, Asa	Exeter, N. H.	Locks for doors and trunks	Nov. 27
Bacon, William	Philadelphia, Pa.	Loom, carpet and rug	Jan. 26
Brest, Jonathan, and Elisha Gilmore	Roxbury, Mass.	Nails, manufacturing, Reed's horse-head machine	April 7
Blank, Ephraim F. and Thomas Blank	New York	Paper, leather	June 1
Brown, John	Providence, R. I.	Spinning machine, called the universal spinner	Feb. 16
Bogardus, James	New York	Spinning, cotton, flax, silk, machine in form of flying traveller	May 20
Bowen, Ethan	Providence, R. I.	Spinning machine, called the double spinner	" 25 July 13

Butcher, Robert	Philadelphia, Pa.	Spoons, making from tin plate, pewter in sheets, sheet silver, &c.	Dec. 27
Bacon, Allyn	Philadelphia, Pa.	Suspender springs and cords	Dec. 17
Baker, Job	New Bedford, Mass.	Spring wire lock	Oct. 1
Brundred, Benjamin	Oldham, N. J.	Throslie and spindle frame	May 7
Blake, Lemuel	Boston, Mass.	Types, making and using	Mar. 12
Coffan, William, jr.	Hammonton, N. J.	Glass, cylinder, window, flattening	Oct. 1
Clark, William	Baltimore, Md.	Hats, machine for washing and cleaning	Mar. 12
Clark, Josiah R.	South Coventry, Ct.	Loom, carpet	May 7
Carpenter, E. W.	Lancaster, Pa.	Plane, groove	Jan. 30
Church, James, jr.	Hartford, Ct.	Spinning, machine called the long band	May 22
Clark, William	Pultney, N. Y.	do do	Oct. 1
Clegg, William	Norwich, Ct.	Spools or bobbins	Feb. 24
Collier, William R.	Boston, Mass.	Types, casting and setting	Feb. 9
Dexter, Samuel F. and	Auburn, N. Y.	Rope, cordage, and twine manufacturing	Aug. 24.
Danials, Charles, as-			
signee of Wm. W.			
Southworth	Saybrook, Ct.	Screws and gimlets, cutting	Mar. 30
Dyer, Jos. C.	Manchester, Eng.	Speeder, twisting, improvement on Danforth's	Oct. 1
Danforth, Charles	Patterson, N. J.	Throslie for spinning	April 1
Eastman, Joel, and			
Charles Abbot	Bath, N. H.	Screws, machine for cutting and turning steel, iron, &c.	Dec. 23
Eaton, Isaiah	Boston, Mass.	Springs for doors	Feb. 24
Foster, Jesse, and Jas.			
Stondenburgh	Greene county, N. Y.	Garments, woollen, manufacturing without spinning or weaving	Apr. 20
Footo, Aaron H.	New London, N. Y.	Saws, cross-cut circular	July 14
Gammond, Edmund	Gorham, Me.	Brads, cutting and manufacturing from iron plates	Oct. 20
Gregory, Alonson P.	Ithaca, N. Y.	Hats, scalding and napping	May 13
Grut, Benjamin	New York	Hats, making of paper waterproof	Oct. 1
Gardner, Morris J.	Yorkborough, Pa.	Lathe, turning	Dec. 14
Goulding, Jno.	Dedham, Mass.	Loom, making and using	July 7

LIST OF PATENTS—FACTORY MACHINERY—Continued.

INVENTORS' NAMES.	RESIDENCE.	INVENTIONS OR DISCOVERIES.	WHEN ISSUED.
Groff, Joseph -	Rapho, Pa. -	Nap and card machine, Fuller's	1830.
Gilpin, Thomas -	Philadelphia, Pa. -	Paper, finishing machine	Feb. 10
Greenwood, Cyrus -	Winchester, N. H. -	Spinning jenny for unfurling condensed woollen roping	June 25
Hyde, Stephen -	Williamsburg, Mass. -	Axes, oval	Feb. 13
Hayden, Festus -	Waterbury, Ct. -	Buttons, American wire-eyed	Jan. 29
Hurd, Joseph, jr. -	Boston, Mass. -	Cloth drying machine, called the evaporating shaft	Oct. 1
Henning, George, -	Ithaca, N. Y. -	Hats, sizing and napping	Jan. 23
Howard, William H. -	Worcester, Mass. -	Loom, vibrating cam	Apr. 28
Hammond, James, and	-	-	Feb. 12
John McClelland -	Williamsport, Pa. -	Loom, cassinot	July 3
Hearsey, Joseph -	Wareham, Mass. -	Nails, manufacturing, reed machine	May 13
Hurd, Thomas, and	-	-	-
Jesse Fox -	Lowell, Mass. -	Nap, raising on woollen cloth by thrashing	June 23
Howell, Francis B. -	Lockport, Ohio -	Paper cutting machine	May 21
Hovey, William -	Boston, Mass. -	Plane irons	Mar. 10
Hamilton, James -	New York -	Saws, wood	June 10
Harris, E. B., and An-	-	-	-
drew R. Arnold -	Woodstock, Ct. -	Temples, revolving burr	Apr. 13
Jewett, John -	Dudley, Mass. -	Cloth, passing and stretching cloth over a revolving cylinder, with teasles	Dec. 30
Jarves, Deming -	Boston, Mass. -	Glass knobs, manufacturing	Oct. 19
Jarves, Deming -	Boston, Mass. -	Moulds for glassmakers	May 28
Johnson, Henry -	Sidney Plains, N. Y. -	Saws, crosscut and sawmill, gumming the teeth	Dec. 23
Irwin, Jno. -	Coventry, R. I. -	Spindle still and can roping machine	Mar. 20

King, P. L., and E. Blasdell	{ Sparta & Lawrence- burg township, Ind.	Carding machine, called the fancy card	Oct. 14
Kingsbury, Rhodes	Bath, Maine	Screw cog for shives of ship blocks	May 22
L'Houmedieu, Ezra	Saybrook, Ct.	Augers, single twist	Oct. 1
Lewis, Ichabod	Irville, Ohio	Chairs, manufacturing machine, called the mechanics' assistant	May 25
Laporte, Peter	Augusta county, Va.	Cloth, manufacturing of flax and wire	July 12
Littleboy, Maulby J.	Philadelphia, Pa.	Combs, manufacturing horn and tortoise shell	Nov. 19
Lemont, Archibald	Pittsburg, Pa.	Dies and taps	Jan. 29
Lewis, Thomas C.	Pittsburg, Pa.	Iron, malleable, manufacturing from pig metal	Oct. 1
Leonard, John, jr., Jas. red S. Brainard, and Amasa Sizer	Wallingford, Ct.	Moulds for casting iron, brass, &c.	Jan. 28
Little, Archibald	Bridgeton, N. J.	Spoons, making	Dec. 14
Lothian, George B.	New York	Types, music, cutting and casting	Aug. 11
McGann, Jno.	Kensington. Pa.	Glass bottles, decanters of all kinds, and other pressed hollow glassware, with the necks smaller than the cavity or inside diameter of the vessel	Nov. 26
Manly, Gervase B.	Canton, Mass.	Nails, manufacturing wrought	Dec. 14
Magaw, William	Meadville, Pa.	Paper, making from straw, hay, &c., (patent of 8th March, 1828, and 23d May, 1828, cancelled, and reissued Feb. 19th, 1830	March 8 1830.
Mason, Samuel P.	Leesville, Ct.	Speeder for spinning cotton roping	June 24
Mason, Samuel P.	Leesville, Ct.	Speeder for making cotton roving: patent 24th June, 1830, cancelled	Dec. 29
Markland, William,	New York	Tops, pepper and ink	Oct. 1
McCord, Enoch D.	Sandy Hill, N. Y.	Vice, stock and hand	Oct. 1
Newton, Phineas	Sidney, N. Y.	Saws, crosscut or sawmill, gumming the teeth	June 19
Otis, Ephraim R.	River Head, Ct.	Temples, self-operating	April 2
Pitts, Jas. Cyrus Hough- ton, and Jos. Rice, jr.	Lancaster, Mass.	Combs, machine for making, called a grinding comb stock, &c.	Oct. 1
Phelps, Barsell	Andover, Mass.	Propelling speeder in spinning wool	Dec. 31

LIST OF PATENTS—FACTORY MACHINERY—Continued.

INVENTORS' NAMES.	RESIDENCE.	INVENTIONS OR DISCOVERIES.	WHEN ISSUED.
Pratt, Julius, -	Meriden, Ct.	Combs, method of making ivory, bone, and wood	1830.
Phyfe, William F.	New York -	Curtains, window and bed	Dec. 28
Pearce, Jno. -	Yorkshire, N. Y.	Spinning machine, farmers' handy maid	Feb. 19
Rundle, Thomas,	Boston, Mass.	Cloth mangle machine	June 30
Rhodes, Elias	Kingsbury, N. Y.	Lathe	Nov. 11
Rogers, George A.	Augusta, Me.	Locks	Nov. 11
Rice, Thomas,	Petersburg, Va.	Twine, cotton seine	Jan. 20
Snyder, John	Tuscarora, N. Y.	Augers, boring and withdrawing	Oct. 1
Scott, Thomas M.	Falls Township, Pa.	Candles, dipped, manufacturing	June 1
Sherwood, William	Somersworth, N. H.	Carpetings, ingrain, taking figures of	April 1
Scott, John -	Philadelphia, Pa.	Chests, fire-proof	" 20
Simmons, James S.	Scituate, R. I.	Cotton whipper, cylindrical grate	Nov. 12
Stevens, A. H.	Richland, N. Y.	Hat bodies, forming	Oct. 1
Skinner, Elijah	Sandwich, N. H.	Locks, saving, for locking drawers	Jan. 27
Sherwood, William	Worcester, Mass.	Loom, ingrain carpet	April 13
Standish, John	Providence, R. I.	Loom, or improvement in weaving	Jan. 20
Shugert, John	Quincy, Pa.	Paper cutting machine	Nov. 11
Sanderson, Isaac	Milton, Mass.	Pasteboard paper, for bandboxes, &c.	Dec. 14
Senueff, Jacob	Philadelphia, Pa.	Reeds, weaver's	May 15
Stondinger, George	Newark, N. J.	Rolling-mill, steel, for carriage springs	Oct. 1
Salisbury, Amos	Troy, N. Y.	Rope and cordage, preserving	July 17
Steele, Austin	Waterbury, Ct.	Roping or stubbing, making woollen	Nov. 1
Stem, David -	Vanderburg co. Ind.	Sawing timber	April 1
Stroop, Jacob -	Landisburg, Pa.	Stamp for malleable metal	Dec. 14
			July 17

Standish, John	Providence, R. I.	Temples of the common power loom	Nov. 11
Petersburg Manufacturing Company, assignees of Alonson Pond			
Tenny, Daniel	Petersburg, Va.	Twine, seine, and small cordage	May 20
Thomas, Elihu H., and	Plattsburg, N. Y.	Hat body machinery, called the sagging apron	Oct. 1
Thorp, John	Brattleborough, Vt.	Pulp dresser	Aug. 11
Warner, Uriel G.	Providence, R. I.	Spinning cotton yarns	Nov. 11
Wing, Calvin	Ripley, O.	Carding machine	Oct. 1
Wooster, Lewis, and	Gardiner, Me.	Carding wool and other fibrous material	" 21
John B. Holmes	Meadville, Pa.	Paper, manufacturing from wood	Aug. 3
Whiting, Ebenezer	Berkshire, N. Y.	Saw-set, applicable to saws of all descriptions	Oct. 15
Whitney, Richard	Baltimore, Md.	Screws, wedge	April 10
Willard, Julius	Do.	Shot, manufacturing	July 10

FACTORY MACHINERY.

INVENTIONS OR DISCOVERIES.	NAMES OF PATENTEES.	RESIDENCE.	WHEN ISSUED.
Augers, boring and withdrawing	John Snyder	Tuscarora, N. Y.	1830.
Do. single twist	Ezra L'Hommedieu	Saybrook, Ct.	June 1
Axes, oval	Stephen Hyde	Williamsburg, Mass.	Oct. 1
Boring timber	Jedediah Beckwith	Saratoga, N. Y.	Jan. 29
Brads, cutting and manufacturing from iron plates	Edmund Gammon	Gorham, Me.	Dec. 21
Brushes, tooth	Philos Blake	New Haven, Ct.	Oct. 20
			Mar. 8

LIST OF PATENTS—FACTORY MACHINERY—Continued.

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INVENTIONS OR DISCOVERIES.	NAMES OF PATENTERS.	RESIDENCE.	WHEN ISSUED.
Brushes, cloth or hair -	Herrick Aiken	Dracut, Mass.	1830.
Buttons, American wire-eyed -	Festus Hayden	Waterbury, Ct.	May 24
Candles, dipped, manufacturing -	Thomas M. Scott	Falls Township, Pa.	Oct. 1
Carding machine -	Uriel G. Warner	Ripley, O.	April 1
Do do called the fancy card -	P. L. King and E. Blasdell	Sparta & Lawrenceburg township, Ind. }	Oct. 1
Do wool and other fibrous material -	Calvin Wing	Gardiner, Me.	" 14
Carpeting, ingrain, taking figures of -	William Sherwood	Somersworth, N. H.	" 21
Chairs, manufacturing machine, called the mechanics' assistant -	Ichabod Lewis	Irrville, O.	April 20
Ches ^o , fire-proof -	John Scott	Philadelphia, Pa.	May 25
Cloth drying machine, called the evaporating shaft -	Joseph Hurd, jr.	Boston, Mass.	Nov. 12
Do woollen, finishing -	Zachariah Allen	Providence, R. I.	Jan. 23
Do manufacturing of flax and wire -	Peter Laporte	Augusta co. Va.	Feb. 25
Do mangle machine -	Thomas Rundie	Boston, Mass.	July 12
Do passing and stretching cloth over a revolving cylinder with teasles -	John Jewett	Dudley, Mass.	Nov. 11
Combs, machine for making, called a grinding comb stock, &c. }	James Pitts, Cyrus Houghton, and Joseph Rice, jr.	Lancaster, Mass.	Dec. 30
Do manufacturing horn and tortoise shell -	Maulby J. Littleboy	Philadelphia, Pa.	Oct. 1
Cotton whipper, making ivory, bone, and wood -	Julius Pratt	Meriden, Ct.	Nov. 19
Do do cylindrical grate -	Elisha Baker	Warwick, R. I.	Dec. 28
Curtains, window and bed -	James S. Simmons	Seiuate, R. I.	June 4
Dies and taps -	William F. Phye	New York	Oct. 1
	Archibald Lemont	Pittsburg, Pa.	Feb. 19
			Jan. 29

chanism	-	James Barron	Norfolk, Va.	Nov. 27
Fulling mill and power loom	-	Anson Atwood	Salem, N. Y.	Oct. 1
Garments, woollen, manufacturing without spinning or weaving	-	Jesse Foster and Jas. Stendenburgh	Greene Co. N. Y.	April 20
Glass, cylinder window, flattening	-	William Coffan, jr.	Hammonton, N. J.	Oct. 1
Do knobs, manufacturers of all kinds, and other pressed hollow glass ware with the necks smaller than the cavity or inside diameter of the vessel	-	Deming Jarves	Boston, Mass.	" 19
Hats, machine for washing and cleaning	-	John McGann	Kensington, Pa.	Nov. 26
Do sizing and napping	-	William Carlock	Baltimore, Md.	Mar. 12
Do scalding and napping	-	George Henning	Ithaca, N. Y.	April 28
Do making of paper, water proof	-	Alonson P. Gregory	Do	May 13
Hat bodies, forming	-	Benjamin Grut	New York	Oct. 1
Hat body machinery, called the Sagging Apron	-	A. H. Stevens	Richland, N. Y.	Jan. 27
Iron, malleable, manufacturing from pig metal	-	Daniel Tenny	Plattsburg, N. Y.	Oct. 1
Lathe	-	Thomas C. Lewis	Pittsburg, Pa.	" 1
Do turning	-	Elias Rhodes	Kingsbury, N. Y.	Nov. 11
Locks	-	Morris J. Gardner	York Borough, Pa.	Dec. 14
Do for doors and trunks	-	George A. Rogers	Augusta, Me.	Jan. 20
Do saving, for locking drawers	-	Asa Beals	Exeter, N. H.	" 26
Loom, ingrain carpet	-	Elijah Skinner	Sandwich, N. H.	April 13
Do vibrating cam	-	William H. Howard	Somersworth, N. H.	Jan. 26
Do carpet and rug	-	William Bacon	Worcester, Mass.	Feb. 12
Do carpet	-	Josiah R. Clark	Philadelphia, Pa.	April 7
Loom, cassinet	-	James Hammond and John McClelland	South Coventry, Ct.	May 7
Do. making and using	-	John Goulding	Williamsport, Pa.	July 9
Do. or improvement in weaving	-	John Standish	Dedham, Mass.	" 7
	-		Providence, R. I.	Nov. 11

LIST OF PATENTS—FACTORY MACHINERY—Continued.

INVENTIONS OR DISCOVERIES.	NAMES OF PATENTEES.	RESIDENCE.	WHEN ISSUED.
Moulds, for casting iron, brass, &c.	-	-	1830.
Do. for glass making	John Leonard, jr.	Wallingford, Ct.	Jan. 28
Nails, manufacturing, Reed's machine	Jared S. Brainerd and Amasa Sizer	-	May 28
Do. do. horse head machine	Denning Jarvis	Boston, Mass.	" 13
Do. do. wrought	Joseph Hearsey	Wareham, Mass.	June 1
Nap, forming on woollen cloth	Jona. Brett and Elisha Gilmore	Roxbury, Mass.	Dec. 14
Do. and card-machine, Fuller's	Gervase B. Manley	Canton, Mass.	Feb. 2
Do. raising on woollen cloth by teasing	Zachariah Allen	Providence, R. I.	" 10
Paper, leather	Joseph Groff	Rapho, Pa.	June 23
	Thomas Hurd and Jesse Fox	Lowell, Mass.	Feb. 16
	Ephraim F. Blank and Thomas Blank	New York	-
Do. making from straw, hay, &c., (patent of 8th March and 22d May, 1828, cancelled, and re-issued February 19, 1830)	William Magaw	Meadville, Pa.	1828. March 8
Do. cutting machine	Francis B. Howell	Lockport, Ohio	1830. May 21
Do. manufacturing from wood	Lewis Wooster and J. B. Holmes	Meadville, Pa.	Aug. 3
Do. finishing machine	Thomas Gilpin	Philadelphia, Pa.	June 25
Do. cutting do.	John Shugert	Quincy, Pa.	Dec. 14
Pasteboard, paper for handboxes, &c.	Isaac Sanderson	Milton, Mass.	May 15

Plane, groove	-	-	-	-	E. W. Carpenter	-	Lancaster, Pa.	-	Jan. 30
Do. irons	-	-	-	-	William Hovey	-	Boston, Mass.	-	Mar. 10
Pulp dresser	-	-	-	-	Eliha H. Thomas and Nathan Woodcock	-	Brattleboro, Vt. Philadelphia, Pa.	-	Aug. 11 Oct. 1
Reeds, weavers'	-	-	-	-	Jacob Senneff	-	Middletown, Ct. Newark, N. J.	-	Nov. 1 July 17
Roll preserver, or mode of taking the wool from the doffers of the breakers	-	-	-	-	Charles Atwood George Stondinger Samuel F. Dexter and Samuel Graves	-	Auburn, N. Y. Troy, N. Y. Waterbury, Ct. New York	-	Aug. 24 Nov. 1 April 1 June 10
Roping or slubbing, making woollen	-	-	-	-	Amos Salisbury Austin Steele	-	Sidney, N. Y. New London, N. Y.	-	July 14 Dec. 23
Saws, wood	-	-	-	-	James Hamilton Phineas Newton Aaron H. Foote	-	Sidney Plains, N. Y. Vanderbury Co. Ind. Dracut, Mass.	-	" 19 " 14 May 24 Oct. 15
Do. crosscut or saw-mill, gumming the teeth	-	-	-	-	Henry Johnson David Stem	-	Saybrook, Ct. Baltimore, Me. Bath, Me.	-	Mar. 30 April 10 May 22
Do. do. and saw-mill, gumming the teeth	-	-	-	-	Herricks Aikon Ebenezzer Whiting Charles Daniels, as- signee of William W. Southworth	-	Bath, N. H. Baltimore, Md. Middletown, Ct. Leesville, Ct. Manchester, Eng. Coventry, R. I.	-	Dec. 23 July 10 Mar. 10 June 24 Oct. 1 Mar. 26
Sawing timber	-	-	-	-	Richard Whitney Rhodes Kingsbury Joel Eastman and Charles Abbot	-			
Saw set	-	-	-	-	Julius Willard Charles Atwood Samuel P. Mason Joseph C. Dyer John Irwin	-			
Do. applicable to saws of all descriptions	-	-	-	-		-			
Screws and gimlets, cutting	-	-	-	-		-			
Screw, awdedge	-	-	-	-		-			
Do. cog for shives of ships' blocks	-	-	-	-		-			
Screws, machine for cutting and turning steel, iron, &c.	-	-	-	-		-			
Shot, manufacturing	-	-	-	-		-			
Slubbing, making woollen, called Atwood's twisting slubber	-	-	-	-		-			
Speeder, for spinning cotton roping	-	-	-	-		-			
Do. twisting, improvement on Danforth's	-	-	-	-		-			
Spindle still and can roping machine	-	-	-	-		-			

LIST OF PATENTS—FACTORY MACHINERY—Continued.

INVENTIONS OR DISCOVERIES.	NAMES OF PATENTERS	RESIDENCE.	WHEN ISSUED.
			1830.
Spindle, propelling in spinning wool	Russell Phelps	Andover, Mass.	Dec. 21
Spinning jenny, for unfurling condensed woollen roping	Cyrus Greenwood	Winchester, N. H.	Feb. 13
Do. machine, called the universal spinner	John Brown	Providence, R. I.	May 20
Do. do. long band	James Church, jr.	Hartford, Ct.	" 23
Do. cotton, flax, silk, machine, in form of flying traveller	James Bogardus	New York	" 25
Do. machine, farmer's handy maid	John Pearce	Yorkshire, N. Y.	June 30
Do. do. called the double spinner	Ethan Bowen	Providence, R. I.	July 13
Do. do.	William Clarke	Pultney, N. Y.	Oct. 1
Do. cotton yarns	John Thorp	Providence, R. I.	Nov. 11
Spools or bobbins	William Clegg	Norwich, Ct.	Feb. 24
Do. winding conical for slubbing from the card	Charles Atwood	Middletown, Ct.	Nov. 1
Spoons, making	Archibald Little	Bridgton, N. J.	Dec. 14
Do. do. from tin plate, pewter in sheets, sheet silver, &c.	Robert Butcher	Philadelphia, Pa.	" 27
Springs for doors	Isiah Eaton	Boston, Mass.	Feb. 24
Stamp for malleable metal	Jacob Stroop	Landisburg, Pa.	July 17
Suspender springs and cords	Allyn Bacon	Philadelphia, Pa.	Dec. 17
Spring wire lock	Job Baker	New Bedford, Mass.	Oct. 1
Speeder for making cotton rovings, (patent 24th June, 1830, cancelled)	Samuel P. Mason	Leesville, Ct.	Déc. 29
Temples, self operating	Ephraim R. Otis	River Head, Ct.	April 2
Do. revolving bur	E. B. Harris and Andrew R. Arnold	Woodstock, Ct.	" 13
Do. of the common power loom	John Standish	Providence, R. I.	Nov. 11
Throstle for spinning	Charles Danforth	Patterson, N. J.	April 1
Do. and spindle frame	Benjamin Brundred	Oldham, N. J.	May 7

Timber, mode of uniting for domes, bridges, &c.
 Tops, pepper and ink
 Twine, seine, and small cordage

Albany, N. Y.
 New York
 Peteraburg, Va.
 Do.
 Boston, Mass.
 Do.
 New York
 Sandy Hill, N. Y.

William Annesley
 William Markland
 Petersburg Manufac-
 turing Company, as-
 signees of Alson
 Pond
 Thomas Rice
 William R. Collier
 Lemuel Blake
 George B. Lothian
 Enoch D. McCord

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Do. cotton seine
 Types, casting and setting
 Do. making and using
 Do. music, cutting and casting
 Vice. stock and hand

Nov. 6
 Oct. 1
 May 20
 Oct. 1
 Feb. 9
 Mar. 19
 Aug. 11
 Oct. 1

NAVIGATION.

NAMES OF PATENTEES.	RESIDENCE.	INVENTIONS OR DISCOVERIES.	WHEN ISSUED.
Annesley, William	Albany, N. Y.	Building vessels	1830.
Averill, Henry	Richland, N. Y.	Water wheel for propelling canal boats	Nov. 6
Ballard, Thos. assignee of Thomas Evans	New York	Lifting ships out of water	Oct. 1
Beach, Timothy	Wilmington, O.	Propelling boats	May 28
Bull, Aaron	Carlisle, Pa.	Tow lines for boats	April 2
Brown, Mathew D.	Buffalo, Va.	Ferry boats	Jan. 30
Cunningham, Thomas	Pittsburg, Pa.	Dock, floating, graving	Oct. 1
Coffield, William	Norfolk, Va.	Ducks, mode of catching	" 1
Copley, Josiah	Warrior Marsh, Pa.	Propeller, spiral, for boats	Jan. 18
Gady, Eleazer	Canaan, N. Y.	Weighting boats and cargoes, called the tonnage meter	May 22
			Jan 6

LIST OF PATENTS—NAVIGATION—Continued.

NAMES OF PATENTERS.	RESIDENCE.	INVENTIONS OR DISCOVERIES.	WHEN ISSUED.
Davis, Robert	Philadelphia, Pa.	Tow lines, apparatus for holding	1830.
Holmes, Elisha H.	Norwich, Con.	Mud machine for beds of streams, rivers, and harbors	Nov. 11
Lewis, H. L. B.	Buffalo, N. Y.	Propelling canal boats by a lock paddle wheel	" 18
Morrison, William, & George Tomb	Jersey Shore, Pa.	Excavator, floating	" 2
Phillips, Benjamin	Philadelphia, Pa.	Cylinder for propelling vessels	Aug. 25
Peltier, Felix	New York	Propelling vessels	Jan. 22
Patton, John M.	Milton, Pa.	Steam navigation	Oct. 1
Rodgers, Andrew	Middletown, Pa.	Chain paddle wheel	Feb. 4
Ronaldson, James, and John N. Neill	Philadelphia, Pa.	Railway marine, foundation of	April 6
Syme, John M.	Richmond, Va.	Dams, mode of constructing	May 22
Short, Sewell, & Noah Bradford	Barnstable, Mass.	Explorer, submarine	Feb. 22
Smith, William W.	Rochester, N. Y.	Raising canal boats, ships, &c.	" 18
Sheffield, Thomas	Green county, N. Y.	Raising vessels by means of sliding ways	" 23
Smith, Franklin G.	Lynchburg, Va.	Steam navigation machinery	May 8
Tiers, Cornelius, and Joseph Myers	Philadelphia, Pa.	Tiller wheel	Oct. 12
Watson, Alonson	Pendleton, N. Y.	Excavator, floating	Jan 18
Williams, Thomas R.	Newport, R. I.	Felt for bottoms of vessels and other purposes	" 18
			May 22

NAVIGATION.

INVENTIONS OR DISCOVERIES.		NAMES OF PATENTEES.		RESIDENCE.	WHEN ISSUED.
Building vessels	-	William Annesley	-	Albany, N. Y.	1830.
Chain paddle wheel	-	Andrew Rodgers	-	Middletown, Pa.	Nov. 6
Cylinder for propelling vessels	-	Benjamin Phillips	-	Philadelphia, Pa.	April 6
Dams, mode of constructing	-	John M. Syme	-	Richmond, Va.	Jan. 23
Dock, floating, graving	-	Thomas Cunningham	-	Pittsburg, Pa.	Feb. 22
Ducks, mode of catching	-	William Coffield	-	Norfolk, Va.	Oct. 1
Excavator, floating	-	Alonson Watson	-	Pendleton, N. Y.	Jan. 18
Do.	-	William Morrison & George Tomb	-	-	" 18
Explorer, submarine	-	Sewall Short & Noah Bradford	-	Jersey Shore, Pa.	Aug. 25
Felt for bottoms of vessels and other purposes	-	Thomas R. Williams	-	Barnstable, Mass.	Feb. 18
Ferry boats	-	Matthew D. Brown	-	Newport, R. I.	May 22
Lifting ships out of water	-	Thos. Ballard, assignee of Thomas Evans	-	Buffalo, Va.	Oct. 1
Mud machine for beds of streams, rivers, and harbors	-	Elisha H. Holmes	-	New York	May 28
Propeller, spiral, for boats	-	Josiah Copley	-	Norwich, Con.	Nov. 18
Propelling boats	-	Timothy Beach	-	Warrior Marsh, Pa.	May 22
Do. vessels	-	Felix Peltier	-	Wilmington, O.	April 2
Do. canal boats, by a lock paddle wheel	-	H. L. B. Lewis	-	New York	Oct. 1
Railway-marine, foundation of	-	James Ronaldson and John L. Neill	-	Buffalo, N. Y.	Nov. 2
Raising canal boats, ships, &c.	-	William W. Smith	-	Philadelphia, Pa.	May 22
Do. vessels, by means of sliding ways	-	Thomas Sheffield	-	Rochester, N. Y.	Feb. 23
Steam navigation	-	John M. Patton	-	Green county, N. Y.	May 8
	-		-	Milton, Pa.	Feb. 4

LIST OF PATENTS—NAVIGATION—Continued.

INVENTIONS OR DISCOVERIES.	NAMES OF PATENTERS.	RESIDENCE.	WHEN ISSUED.
Steam navigation, machinery	-	-	1830.
Tiller wheel	-	-	Oct. 12
Tow lines for boats	-	Franklin G. Smith	-
Do. apparatus for holding	-	Cornelius Tiers and Joseph Myers	-
Water wheel for propelling canal boats	-	Aaron Bull	Jan. 18
Weighting boats and cargoes, called the tonnage meter	-	Robert Davis	" 30
	-	Henry Averill	Nov. 11
	-	Eleszer Cady	Oct. 1
	-	-	Jan. 6
		Lynchburg, Va.	-
		Philadelphia, Pa.	-
		Carlisle, Pa.	-
		Philadelphia, Pa.	-
		Richland, N. Y.	-
		Canaan, N. Y.	-

LAND WORKS.

NAMES OF PATENTERS.	RESIDENCE.	INVENTIONS OR DISCOVERIES.	WHEN ISSUED.
Beach, Isaac	Dryden, N. Y.	Car, self loading	1830.
Crane, Jonathan	Schenectady, N. Y.	Car, circular	June 23
Disbrow, Levi	New York	Boring earth for water	Oct. 1
Duncomb, Edward	Do.	Rail roads	Nov. 1
Elgar, John	Baltimore, Md.	Car, rail road	July 13
Jones, Samuel T.	Philadelphia, Pa.	Car, pendulous rail roads	Oct. 1
Do.	Do.	Car, railway, to run on roads and streets	Feb. 22
Jordan, Henry	Lexington, Ky.	Gold, digging and procuring	" "
Fairman, Simon	Nassau, N. Y.	Carriage, land and steam	Oct. 1
Fairlamb, Jonas P.	New Castle, Del.	Planes, revolving for crossing, railways	Mar. 27
			July 7

Finlay, John	Baltimore, Md.	Wheel iron for rail road carriages	-	Mar.	4
Hughes, Joseph Y.	Pottsville, Pa.	Carriage, rail road	-	June	25
Heston, William	Philadelphia, Pa.	Carriages, locomotive	-	Oct.	11
Long, S. H.	Baltimore, Md.	Bridges, wooden or frame	-	Mar.	6
Long, George W.	Fort Jackson, La.	Bridges, frame	-	"	10
Lane, Samuel	Hallowell, Me.	Railway, endless chain	-	May	17
Morria, William, and Jabez, Spinks }	Kenhawa, Va.	Boring earth for water	-	Oct.	22
Orrick, William P.	Reading, Pa.	Carriage, rail road	-	Mar.	2
Overall, Israel	Liberty, W. Tenn.	Rocks, boring	-	April	23
Pollock, John	Hopewell, Pa.	Car, self adjusting rail road street	-	July	7
Post, John W. and Calvin Post }	Washington, D. C.	Rocks, drilling	-	Feb.	2
Post, John W.	Do.	Rocks, drilling and blasting	-	Oct.	1
Stimpson, James	Baltimore, Md.	Propelling carriages on rail roads by horse power	-	Feb.	16
Do.	Do.	Propelling carriages on rail roads by timber	-	June	3
Sutto, Benjamin	Romulus, N. Y.	Propelling carriages on railway, tread wheel	-	Jan.	27
Shaw, Moses	New York	Rocks, blasting	-	June	3

LAND WORKS.

INVENTIONS OR DISCOVERIES.	NAMES OF PATENTEES.	RESIDENCE.	WHEN IS- SUED.
Boring earth for water	William Morris and Jabez Spinks }	Kenhawa, Va.	1830. Oct. 22
Do.	Levi Disbrow	New York	Nov. 1
Bridges, wooden or frame	S. H. Long	Baltimore, Md.	Mar. 6
Do. frame	George W. Long	Fort Jackson, La.	" 10

LIST OF PATENTS—LAND WORKS—Continued.

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INVENTIONS OR DISCOVERIES.		NAMES OF PATENTEES.		RESIDENCE.	WHEN IS- SUFD.
Car, pendulous rail road		Samuel T. Jones		Philadelphia, Pa.	1830.
railway, to run on roads and streets	-	Do.	-	Do.	Feb. 22
self loading	-	Isaac Beach	-	Dryden, N. Y.	" 22
self adjusting rail road street	-	John Pollock	-	Hopewell, Pa.	June 28
rail road	-	John Elgar	-	Baltimore, Md.	July 7
circular	-	Jonathan Crane	-	Schenectady, N. Y.	Oct. 1
Carriage, rail road	-	William P. Orrick	-	Reading, Pa.	" 1
land and steam	-	Simon Fairman	-	Nassau, N. Y.	Mar. 2
rail road	-	Joseph V. Hughes	-	Pottsville, Pa.	" 27
locomotive	-	William Heston	-	Philadelphia, Pa.	June 25
Gold, digging and procuring	-	Henry Jordan	-	Lexington, Ky.	Oct. 11
Planes, revolving for crossing railways	-	Jonas P. Fairlamb	-	New Castle, Del.	" 1
Propelling carriages on rail roads by horse power	-	James Stimpson	-	Baltimore, Md.	July 7
Rail roads, timber	-	Do.	-	Do.	Feb. 16
way, tread wheel	-	Benjamin Sutton	-	Romulus, N. Y.	June 3
endless chain	-	Samuel Lane	-	Hallowell, Me.	Jan. 27
Rail roads	-	Edward Duncomb	-	New York	May 17
Rocks, drilling	-	John W. Post and	-	"	July 13
boring	-	Calvin Post	-	Washington, D. C.	Feb. 2
blasting	-	Israel Overall	-	Liberty, W. Tenn.	April 23
drilling and blasting	-	Moses Shaw	-	New York	June 3
Wheel, iron, for rail road carriages	-	John W. Post	-	Washington, D. C.	Oct. 4
	-	John Finlay	-	Baltimore, Md.	Mar. 1

COMMON TRADES.

NAMES OF PATENTEES.	RESIDENCE.	INVENTIONS OR DISCOVERIES.	WHEN IS- SUED.
Adams, Nathaniel	Cornwall, N. Y.	Brick machine	1830
Arnold, William E.	Haddam, Ct.	Washing machine	June 22
Arnold, Robert C.	New Haven, Ct.	Do.	Jan. 11
Bancroft, David	Grafton, Vt.	Bedstead, elevating for the sick	June 15
Barber, John	Caroline, N. Y.	Churn, cradle	Oct. 12
Barney, Luther, & Abel			Jan. 28
A. Beach,	Groton, N. Y.	Churn, double revolving	Feb. 5
Bristol, Abner	Hillsdale, N. Y.	do labor saving	Apr. 28
Brewster, Iram	Blenheim, N. Y.	do	May 28
Bushnell, Samuel, 2d	Saybrook, Ct.	do	Dec. 20
Bladen, Thomas	Philadelphia, Pa.	Crackers, biscuit, machine for cutting	Mar. 16
Bladen, Thomas	Philadelphia, Pa.	do do &c.	Oct. 1
Brewster, Jonah	Worthington, Ms.	Crimper, boot	Mar. 23
Blake, Judson, & Daniel			
Cushing,	Providence, R. I.	Key for bedsteads,	Dec. 14
Bloomer, Thomas	New York,	Sawing and planing machine	Nov. 3
Bisbee, Ziba	Bridgewater, Ms.	Staves, hoops, &c., machine for splitting	June 5
Belt, William H.	Fortress Monroe, Va }	Stone breaking and thrashing machine	July 9
Tim. P. Andrews,	Washington City,		
Butler, Lester, & Isaac			
Hinckley,	Cobleskill, N. Y.	Tire bending	Mar. 26
Burness, Caleb B.	New York,	Veneers, machine for sawing	Dec. 14
Barney, Luther, & Abel			
A. Beach,	Groton, N. Y.	Washer, revolving steam	Feb. 5
Barnes, John	Kingston, Pa.	Washing machine, called the revolving steam washer	Oct. 14

NAMES OF PATENTEES.	RESIDENCE.	INVENTIONS OR DISCOVERIES.	WHEN ISSUED.
Brnard, Wm. H. & Chauncey B. Bulkley,	Chatham, Ct.	Washing machine	1830.
Bushnell, Samuel, 2d -	Saybrook, Ct.	do	Oct. 16
Cole, James -	E. Bloomfield, N. Y.	Boots and shoes, instrument for cutting channels for seams	Dec. 20
Cooper, Isaac -	Baltimore, Md.	Boxes for hubs of wheels, and ships' blocks,	Nov. 26
Curtiss, Asahel	Paris, N. Y.	Butter, machine for manufacturing	Jan. 27
Cornell, Philip	Brutus, N. Y.	Churning machine	Apr. 20
Cooper, James	Philadelphia, Pa.	Crackers, biscuit, &c., machine for cutting	Oct. 1
Clark, Joseph, & Henry Henderson,	Baltimore, Md.	Crackers, biscuit, pilot bread, &c., machine for cutting	Nov. 11
Colby, Alvan	Sharon, Vt.	Felloes, machine for sawing	Sept. 13
Cornell, Philip	Brutus, N. Y.	Knife sharpener, domestic	Oct. 15
Carsley, Seth, 2d	Harrison, Me.	Lasts, shoemakers'	Jan. 15
Crary, Nathan, & Edmund P. Crary,	Albany, co N. Y.	Pill boxes,	April 2
Carleton, Ebenezer, & Solomon Whiting, jr.	Bath, N. H.	Sawing clap boards, tipping, &c.	April 6
Clarke, Richard P.	Broadalbin, N. Y.	Washer, Columbian	Mar. 25
Clowes, Charles L.	Union, Va.	Washing machine	April 16
Carver, James A.	Taunton, Ms.	Window blind fastener, gravitation	Feb. 27
Dewey, Ebenezer	Butternuts, N. Y.	Churn, floating wheel	" 27
Dickerman, Sereno, & Samuel M. Parsons,	Meriden, Ct.	Churn	Oct. 1
Daskam, Nathaniel, & David G. Wood	Geneva, N. Y.	Crackers, ship bread, &c.	Oct. 1
			Aug. 5

Davis, Samuel	New York, -	Cream, extracting from milk	-	Oct. 1
Dunbar, Amasa	Sharon, Ma.	Crimper, hoot	-	Feb. 10
Durfee, Samuel	Providence, R. I.	Door fender	-	Oct. 1
Dickinson, David	Chatham, Ct.	Scouring clothes	-	" 1
Eells, Samuel, & d	Middletown, Ct.	Boots and shoes, water proof	-	April 23
Ewing, John	Worcester, Ms.	Churn	-	Jan. 29
Foster, Abner	Phillipstown, Ma.	Mortising machine	-	April 29
Fabney, Samuel	Washington, co. Md.	Sausage stuffing machine	-	Feb. 16
Flagg, David, jr.	Gardiner, Me.	Sawing boards,	-	Jan. 19
Fairfield, Josiah	Vassalboro, Me.	Shingle and scale board machine	-	April 28
Freeman, John	Senate, N. Y.	Washing machine for cleaning cloths and clothes	-	Oct. 14
Footo, Alvan	Granville, Ohio	do do	-	Dec. 7
Granger, Moses	Syracuse, N. Y.	Churn	-	July 14
Goodrich, Charles B.	Rutland, Ms.	Staves, machine for dressing	-	May 10
Goodrich, Charles B.	Rutland, Ma.	Staves, machine for jointing	-	May 20
Gates, James M.	Norwich, Ct.	Washing machine	-	May 21
Hanson, David D.	Ware, N. H.	Felloes, machine for sawing	-	Oct. 20
Hinkley, Benjamin	Fayette, Me.	Veneers, glueing on columns	-	Apr. 27
Hnd, Stephen	Montrose, Pa.	Washing machine, Susquehannah	-	May 27
Horton, Eb.	Avon, N. Y.	Washing machine, improvement on Slater's	-	June 17
Kingsbury, Hez.	Hebron, Ct.	Churning and washing machine	-	June 26
King, Sumner	Sullivan, N. Y.	Horse shoes, manufacturing	-	April 1,
Kenton, Levi	Philadelphia, Pa.	Leather, silvering and gilding	-	June 21
Kennedy, Samuel	New York	Mouldings, machine for cutting	-	Apr. 10
Kirkpatrick, Andrew	Urbanna, Ohio	Washing machine	-	May 21
Lowe, Jonathan	Vienna, N. Y.	Bedstead, called the metamorphic alleviator	-	Oct. 25
L'Hommedieu, Ezra	Saybrook, Ct.	Hammers, spikes, gimlets, &c., machine for shaping	-	Apr. 28
Lynch, John N.	Dillsburg, Pa.	Laths, machine for cutting	-	Feb. 16
Lowell, Gideon	Nunda, N. Y.	Washing machine	-	Nov. 6
Lester, Eb.	Killingworth, Ct.	Washing machine	-	Dec. 20
Mudge, Elisha	Genesee co. N. Y.	Mortising and tenoning machine	-	Oct. 1

LIST OF PATENTS—COMMON TRADES—Continued.

NAMES OF PATENTERS.	RESIDENCE.	INVENTIONS OR DISCOVERIES.	WHEN ISSUED.
Oothondt, John	Lebanon, N. Y.	Churn, oval	1830.
Overman, Benjamin	Greensboro, N. C.	Sawing, mortising, tenoning, boring, and grooving machine	Mar. 10
Pennock, Moses	E Marlborough, Pa.	Boots and shoes, manufacturing	May 27
Parker, Amos	Sweden, Me.	Brick and mortar machine	Dec. 14
Punchard, Thomas H	Boston, Ma.	Crimping boot fronts	Mar. 5
Porter, John C.	Powhatan co., Va.	Brick, moulding, and tempering clay	May 8
Phyfe, Wm. F.	New York	Matresses, hair	Dec. 29
Phelps, Wm.	Salem, Ma.	Spring catch, horizontal, for window blinds	Oct. 1
Phillips, Palmer	Busti, N. Y.	Tubs, manufacturing	July 7
Read, John M.	New York	Cradle or crib	May 20
Robinson, Jacob	Lancaster co. Pa.	Sausage cutter	Feb. 27
Smith, Avery,	Milo, N. Y.	Bedstead for the sick	Feb. 27
Shively, Henry, and R. S. McEwen	Fredericksburg, O.	Churn	July 12
Sowle, George, and Peter Brewer	Blenheim, N. Y.	Churn	Mar. 6
Sutton, William	Geneva, N. Y.	Churn	Mar. 22
Sands, Marcellus	Franklin, N. Y.	Mortising and boring machine	Oct. 1
Stearnes, Abner, jr.	Scaghticoke, N. Y.	Slaves, machine for heading and dressing	Oct. 1
Smith, Andrew P.	Cornwall, Ct.	Tenons on spokes of wheels, machine for cutting	Mar. 22
Silliman, Samuel	Saybrook, Ct.	Washing machine, vibrating	Nov. 1
Stocking, David	Scott, N. Y.	do	Feb. 3
Tiffany, Nath. C., and Ebenezer Robison,	Caroline, N. Y.	Churn	June 25
Thompson, Robert	Washington, O.	Ornamenting columns, chairs, ivory, &c.	Dec. 14
			Oct. 1

Toms, Daniel -	Auburn, N. Y.	Staves, machine for sawing	-	Mar. 2
Toms, Daniel -	Auburn, N. Y.	do do jointing and smoothing	-	July 8
Thomas, William	Pomfret, N. Y.	do do dressing	-	Oct. 7
Thurber, Hez.	Painted Post, N. Y.	Washing machine	-	Apr. 22
Tenny, Amos T.	New Woodstock, N. Y.	do do for cloths and scouring yarn	-	Nov. 23
Thompson, Charles	Poughkeepsie, N. Y.	Window sashes, machine for making	-	Dec. 6
Vassar, Charles	Poughkeepsie, N. Y.	Brick, machine for moulding and drying	-	Nov. 1
Woolley, William	New York	Bedstead, secret	-	May 17
Williamson, Peregrine	Baltimore, Md.	do cot	-	Nov. 11
Waring, Isaac F.	Columbia township, O	Churning, art of	-	Apr. 10
Ware, Peter N.	Albemarle, Va.	Roofs of houses, mode of covering	-	Nov. 11
White, Asa	Templeton, Mass.	Stamp, post office	-	Feb. 27
William, Deninson	Albany, N. Y.	Stock, gentlemen's dress, hinge and plain	-	Oct. 1
Walker, Enoch	Woodbourne, Pa.	Washing machine	-	May 29
Yale, Lynus	Salisbury, N. Y.	Stone, hewing, drilling, and picking	-	Jan. 20

COMMON TRADES.

INVENTIONS OR DISCOVERIES.		NAMES OF PATENTEES		RESIDENCE.	WHEN ISSUED.
Bedstead, secret	-	William Woolley	-	New York	1830.
Do. for the sick	-	Avery Smith.	-	Milo, N. Y.	May 17
Do. elevating, for the sick	-	David Bancroft	-	Grafton, Vt.	July 12
Do. called the Metamorphosis Alleviator	-	Jno. Lowe	-	Vienna, N. Y.	Oct. 12
Do. cot	-	Peregrine Williamson	-	Baltimore, Md.	Oct. 25
Boots and shoes, water-proof	-	Samuel Eells, 2d	-	Middletown, Ct.	Nov. 11
Do. do. instrument for cutting channels for seams	-	Jas. Cole	-	E Bloomfield, N. Y.	Apr. 23
Do. do. manufacturing	-	Moses Pennock	-	E. Marlborough, Pa.	Nov. 26
Boxes for hubs of wheels and ships' blocks	-	Isaac Cooper	-	Baltimore, Md.	Dec. 14
					Jan. 27

LIST OF PATENTS—COMMON TRADES—Continued.

INVENTIONS OR DISCOVERIES.		NAMES OF PATENTEES.		RESIDENCE.	WHEN ISSUED.
					1830.
Brick and mortar machine	-	-	Amos Parker	Sweden, Me.	Mar. 5
Do. machine	-	-	Nathaniel Adams	Cornwall, N. Y.	June 22
Do. do. for moulding and drying	-	-	Charles Vassar	Poughkeepsie, N. Y.	Nov. 1
Do. moulding, and tempering clay	-	-	Jno. C. Porter	Powhatan county, Va.	Dec. 29
Butter, machine for manufacturing	-	-	Aschel Curties	Paris, N. Y.	Apr. 20
Churn, cradle	-	-	Jno. Barber	Caroline, N. Y.	Jan. 28
Do.	-	-	Jno. Ewing	Worcester, Mass.	Jan. 29
Do. double revolving	-	-	Luther Barney and		
Do.	-	-	Abel A. Beach	Groton, N. Y.	Feb. 5
Do.	-	-	Henry Shively and		
Do.	-	-	R. S. McEwen	Fredericksburg, O.	Mar. 6
Do. oval	-	-	Jno. Oothoudt	Lebanon, N. Y.	Mar. 10
Do.	-	-	Geo. Sowle and Peter		
Do.	-	-	Brewer	Blenheim, N. Y.	Mar. 22
Do. labor saving	-	-	Abner Bristol	Hilledale, N. Y.	Apr. 28
Do.	-	-	Iram Brewster	Blenheim, N. Y.	May 28
Do.	-	-	Moses Granger	Syracuse, N. Y.	July 14
Do. Geneva double dasher	-	-	William Sutton	Geneva, N. Y.	Oct. 1
Do. Floating wheel	-	-	Ebenezer Dewey	Butternuts, N. Y.	Oct. 1
Do.	-	-	Sereno Dickerman &		
Do.	-	-	Samuel M. Parsons	Meriden, Ct.	Oct. 1
Do.	-	-	Nath. C. Tiffany and		
Do.	-	-	Eben'r Robison,	Caroline, N. Y.	Dec. 14
Do.	-	-	Sam'l Bushnell, 2d	Saybrook, Ct.	Dec. 20
Churning, art of	-	-	Isaac F. Waring	Columbia township, O.	Apr. 10

Do. and washing machine	-	Hebron, Ct.	June 26
Do. machine	-	Brutus, N. Y.	Oct. 1
Crackers, biscuit, &c., machine for cutting	-	Philadelphia, Pa.	Mar. 11
Do. do.	-	Philadelphia, Pa.	Mar. 16
Do. ship bread, &c.	-	Geneva, N. Y.	Aug. 5
Do. biscuit, pilot bread, &c., machine for cutting	-	Baltimore, Md.	Sept. 13
Do. do. &c.	-	Philadelphia, Pa.	Oct. 1
Cradle or rib	-	New York	Feb. 27
Cream, extracting from milk	-	New York	Oct. 1
Crimper, boot	-	Sharon, Mass.	Feb. 19
Do. do.	-	Worthington, Mass.	Mar. 23
Crimping boot fronts	-	Boston, Mass.	May 8
Door fender	-	Providence, R. I.	Oct. 1
Felloes, machine for sawing,	-	Sharon, Vt.	" 15
Do. do.	-	Ware, N. H.	" 20
Hammers, spikes, gimlets, &c., machine for shaping	-	Saybrook, Ct.	Apr. 28
Horse shoes, manufacturing	-	Sullivan, N. Y.	" 1
Key for bedsteads	-	Providence, R. I.	Dec. 14
Knife sharpener, domestic	-	Brutus, N. Y.	Jan. 15
Lasts, shoemakers'	-	Harrison, Me.	Apr. 2
Laths, machine for cutting	-	Dillsburg, Pa.	Feb. 16
Leather, silvering and gilding	-	Philadelphia, Pa.	June 21
Mattresses, hair	-	New York	Oct. 1
Mortising machine	-	Phillipstown, Ms.	Apr. 29
Mortising and tenoning machine	-	Genesee county, N. Y.	Oct. 1
Mortising and boring machine	-	Franklin, N. Y.	" 1
Mouldings, machine for cutting	-	New York	Apr. 10
Ornamenting columns, chairs, ivory, &c.	-	Washington, O.	Oct. 1
Hez. Kingsberry	-		
Philip Cornell	-		
James Cooper	-		
Thomas Bladen	-		
Nathan'l Daskam and	-		
David G. Wood	-		
Jos. Clark and Henry	-		
Henderson	-		
Thomas Bladen	-		
Jno. M. Read	-		
Samuel Davis	-		
Amasa Dunbar	-		
Jonah Brewster	-		
Joseph H. Punchard	-		
Samuel Durfee	-		
Alvan Colby	-		
David D. Hanson	-		
Ezra L'Hommedieu	-		
Sumner King	-		
Judson Blake and	-		
Daniel Cushing	-		
Philip Cornell	-		
Seth Carsley, 2d,	-		
John N. Lynch	-		
Levi Kenton	-		
William F. Phye	-		
Abner Foster	-		
Elisha Mudge	-		
Marcellus Sands	-		
Samuel Kennedy	-		
Robert Thompson	-		

LIST OF PATENTS—COMMON TRADES—Continued.

INVENTIONS OR DISCOVERIES.	NAMES OF PATENTEES.	RESIDENCE.	WHEN ISSUED.
Pill boxes	Nathan Crary and Edmund P. Crary	Albany county, N. Y.	1830.
Roofs of houses, mode of covering	Peter U. Ware	Albemarle, Va.	Apr. 6
Sausage stuffing machine	Samuel Fahrney	Washington co. Md.	Nov. 11
Sausage cutter	Jac. Robinson	Launcaster co. Pa.	Feb. 16
Sawing boards	David Flagg, jr.	Gardiner, Me.	" 27
Sawing clapboards, tipping, &c.	Ebenezer Carleton and Solomon Whiting, jr.		Jan. 19
Sawing, mortising, tenoning, boring, and grooving machine	Benjamin Overman	Bath, N. H.	Mar. 25
Sawing and planing machine	Thomas Bloomer	Greensboro, N. C.	May 27
Scouring clothes	David Dickinson	New York	Nov. 3
Shingle and scale board machine	Josiah Fairfield	Chatham, Ct.	Oct. 1
Spring catch, horizontal, for window blinds	William Phelps	Vassalboro, Me.	Apr. 28
Stamp, post office	Asa White	Salem, Ms.	July 7
Slaves, machine for sawing	Daniel Toms	Templeton, Ms.	Feb. 27
Do. do. heading and dressing	Abner Stearns, jr.	Auburn, N. Y.	Mar. 2
Do. do. dressing	Charles B. Goodrich	Seaghticoke, N. Y.	" 22
Do. do. jointing	do.	Rutland, Ms.	May 10
Do. do. sawing, jointing, and smoothing	Daniel Toms	do	" 20
Do. do. dressing	William Thomas	Auburn, N. Y.	July 8
Slaves, hoops, &c., machine for splitting	Ziba Bisbee	Pomfret, N. Y.	Oct. 7
Stock, gentlemen's dress, hinge, and plain	Denison Williams	E. Bridgewater, Ms.	June 5
Stone, hewing, drilling, and picking	Lynus Yale	Albany, N. Y.	Oct. 1
Stone, breaking, and thrashing grain	{ William H. Bell Tim. P. Andrews }	Salisbury, N. Y. Fortress Monroe, Va. Washington, D. C.	Jan. 20 July 9

Tenons on spokes of wheels, machine for cutting	-	Andrew P. Smith	-	Cornwall, Ct.	Nov. 1
Tire, bending	-	Lester Butler and Isaac Hinckley	-	Cobleskill, N. Y.	Mar. 26
Tubs, manufacturing	-	Palmer Phillips	-	Busti, N. Y.	May 20
Veneers, glueing on columns	-	Benjamin Hinkley	-	Fayette, Me.	Apr. 27
Do. machine for sawing	-	Caleb B. Burnap	-	New York	Dec. 14
Washer, revolving steam	-	Luther Barney and Abel A. Beach	-	Groton, N. Y.	Feb. 5
Washer, Columbian	-	Richd'n P. Clarke	-	Broad Albin, N. Y.	Apr. 16
Washing machine	-	William E. Arnold	-	Haddam, Ct.	Jan. 11
Do. vibrating	-	Samuel Silliman	-	Saybrook, Ct.	Feb. 3
Do.	-	Charles L. Clowes	-	Union, Va.	" 27
Do.	-	Hez. Thurber	-	Painted Post, N. Y.	Apr. 22
Do.	-	James M. Gates	-	Norwich, Ct.	May 21
Do.	-	Andrew Kirkpatrick	-	Urbanna, O.	" 21
Do.	-	Enoch Walker	-	Woodbourn, Pa.	" 29
Do.	-	Stephen Hinds	-	Montrose, Pa.	" 29
Susquehannah	-	Rob. C. Arnold	-	New Haven, Ct.	June 15
Do.	-	Eb. Horton	-	Avon, N. Y.	" 17
Do.	-	David Stocking	-	Scott, N. Y.	" 25
Do.	-	John Barnes	-	Kingston, Pa.	Oct. 14
Do.	-	John Freeman	-	Senate, N. Y.	" 14
Do.	-	Wm. H. Brainard and Chauncey B. Bulkeley	-	Chatham, Ct.	" 16
Do.	-	Gideon Lowell	-	Nunda, N. Y.	Nov. 6
Do.	-	Amos T. Tenny	-	New Woodstock, N. Y.	" 23
Do.	-	Alvan Footc	-	Granville, O.	Dec. 7
Do.	-	Eb. Lester	-	Killingworth, Ct.	" 20
Do.	-	Samuel Bushnell, 2d,	-	Saybrook, Ct.	" 20
Window blind fastener, gravitation	-	James A. Carver	-	Taunton, Ms.	Feb. 27
Window sashes, machine for making	-	Charles Thompson	-	Poughkeepsie, N. Y.	Dec. 6

LIST OF PATENTS—WHEEL CARRIAGES.

NAMES OF PATENTEES	RESIDENCE.	INVENTIONS OR DISCOVERIES.	WHEN IS- SUED.
Eastman, Joel, & Guy	-	Wheels for carriages,	1830.
C. Rix,	Hath, N. H.-	-	Dec. 23
Jones, Samuel	Bridgeport, Pa.	Lock wagon, -	May 4
Ives, Joseph, and Jas. Walters,	Brooklyn, N. Y.	-	Oct. 6
Miller. Samuel K.	Elizabethtown, N. J.	Springs of carriages, and attaching carriage bodies to them,	Oct. 7
Stratton, James	Greenfield, Ma.	Bands for hubs of wheels,	June 29
Yeckley, John A.	Perry, N. Y.	Baggage, securing on post coaches,	June 7
		Axletrees for wagons, &c.	

WHEEL CARRIAGES.

INVENTIONS OR DISCOVERIES.	NAMES OF PATENTEES.	RESIDENCE.	WHEN IS- SUED.
Axletrees for wagons, &c.,	John A. Yeckley,	Perry, N. Y.	1830. June 7
Baggage, securing on post coaches,	James Stratton,	Greenfield, Ma.	June 29
Bands for hubs of wheels,	Samuel H. Miller,	Elizabethtown, N. J.	Oct. 7
Lock wagon,	Samuel Jones,	Bridgeport, Pa.	May 4
Springs of carriages, and attaching carriage bodies to them,	Joseph Ives, & James Walters,	Brooklyn, N. Y.	Oct. 6
Wheels for carriages,	Joel Eastman, & Guy C. Rix,	Bath, N. H.	Dec. 23

LIST OF PATENTS—HYDRAULICS.

NAMES OF PATENTEES.	RESIDENCE.	INVENTIONS OR DISCOVERIES.	WHEN IS- SUED.
Armistead, Thos. B.	Bloomfield, N. Y.	Pipes, aqueduct,	1830.
Benham, John M.	Bridgewater, N. Y.	Aqueducts for conveying water or gas, formed of water-proof lime, (patent of 29th August, 1827, cancelled,)	Apr. 15
Batby, Antoine	New York,	Pumps,	Oct. 1
Giraud, John J.	Baltimore, Md.	Fire engine,	May 16
Honeywell, Enoch	Broad Albin, N. Y.	Elevator, water	Nov. 11
Hale, Ebenezer R.	Hyde Park, N. Y.	Pumps, rotary	July 10
McCormick, Robert	Rockbridge co. Va.	Hydraulics, machinery,	July 14
Metee, Martin	Baltimore, Md.	Pumps,	Oct. 1
Parmelee, Lenmon	Poughkeepsie, N. Y.	Raising water,	May 20
Somerby, Theophilus	Nantucket, Ms.	Hydraulics,	Oct. 1
Smith, John A.	Windham, Ct.	Pumps, package,	Oct. 1
			Feb. 3

HYDRAULICS.

INVENTIONS OR DISCOVERIES.	NAMES OF PATENTEES.	RESIDENCE.	WHEN IS- SUED.
Aqueducts for conveying water or gas, formed of water-proof lime, (patent of 29th August, 1827, cancelled,)	John M. Benham,	Bridgewater, N. Y.	Oct. 1
Elevator, water	Enoch Honeywell	Broad Albin, N. Y.	July 10
Fire engine,	John J. Giraud,	Baltimore, Md.	Nov. 11

Brazer, Amable J.	Philadelphia, Pa.	Saccharifying rye and other grain, potatoes, &c.	Oct. 1
Barkley, William	Lebanon, Ky.	Distilling by steam,	May 20
Cross, Asahel	Cazenovia, N. Y.	Furnace, portable cooking.	May 12
Child, Ezra	Philadelphia,	Steam engine, rotary,	Oct. 1
Douglass, John C.	New York,	Boilers, steam engine.	Dec. 17
Disbrow, Levi	New York,	Kitchen grate,	Nov. 22
Eania, Joshua	Brooklyn, N. Y.	Chimneys, ventiduct, topping,	Oct. 1
Ewbank, Thomas	New York,	Explosion of steam boilers, preventing by detector,	June 8
Eslin, John	Philadelphia, Pa.	Furnace for burning stone coal or charcoal,	June 19
Fisher, Charles F.	York, Pa.	Distilling,	Apr. 24
Fessenden, Thomas G.	Charlestown, Ms.	Stove, steam and hot water, portable	Dec. 14
Giraud, John J.	Baltimore, Md.	Boilers, steam stoves, chimneys, &c.	Mar. 8
Gallaher, Thomas	Liverpool, Pa.	Distilling,	Dec. 14
Hotchkiss, John G.	Cincinnati, O.	Engine, rotary, propelling	Oct. 1
Haggerty, Wm., Chs. Lawrence, and Thomas Fraser	New York	Furnace, portable cooking	May 22
Hunt, Seth	Syracuse, N. Y.	Purifying salt water	Jan. 23
Jennings, Joseph	New York	Cooking apparatus	May 14
Jennings, Isaiah	Do	Lamp for burning tallow and other fatty substances	" 20
Do	Do	Light, its application to lamps, with or without wicks	Oct. 16
Kennedy, John	Baltimore, Md.	Soap, manufacturing by steam	" 1
Lamson, Daniel	Perrysburgh, N. Y.	Distilling whiskey from corn	" 1
Loughhead, Joseph, & J. B. Chapman	Philadelphia, Pa.	Explosion guard, for steamboats	June 11
Lester, Ebenezer	Killingsworth, Ct.	Fire place	" 21
Liebenau, Henry	New York	Monuments, memento plates, mantel-pieces, casting	Nov. 17
Miller, Ezra L.	Charleston, S. C.	Boilers, vertical	June 21
Mallory, Ogden	Oswego, N. Y.	Steam engine, and feeder for the boiler	Dec. 28
Moore, John	Ackworth, N. H.	Stove, cooking	May 7
Morehouse, Stephen P.	Ludlowville, N. Y.	Lamp for burning lard	April 26

LIST OF PATENTS—AGRICULTURE—Continued.

NAMES OF PATENTEES.	RESIDENCE.	INVENTIONS OR DISCOVERIES.	WHEN IS- SUED.
Pierpont, John	Boston, Mass.	Fire place, Doric	1830.
Potts, Charles	Philadelphia, Pa.	Steam engines	Jan. 8
Powell, Thomas	Baltimore, Md.	Do rotary	May 31
Peterson, Lewis & Peter	Pittsburgh, Pa.	Stove, cooking	Oct. 1
Quimby, Aaron B.	Hagerstown, Md.	Explosion of steamboat boilers, preventing	May 29
Roberts, Asahel W.	Hartford, Ct.	Furnace for tailors	-
Reeves, Benjamin	Philadelphia, Pa.	Steam and other engines	-
Skinner, Elijah	Sandwich, N. H.	Baking iron	May 28
Stowell, Abel	Medford, Mass.	Do or cooking	Feb. 6
Shreve, Henry M.	Louisville, Ky.	Boilers, steam	Oct. 1
Savagn, Anthony	Pottsville, Pa.	Stove for anthracite coal	Dec. 14
Tompkins, Calch	Montgomery, Ala.	Steam engines, rotary and boiler	April 21
Williams, John S.	Maysville, Ky.	Boilers for steam engines, mode of supplying with water	June 10
Williams, Henry B.	Baltimore, Md.	Gasometer	Nov. 30
Williams, Samuel W.	Elizabethtown, N. J.	Salt, manufacturing	" 17
White, John	Logan Co. Ky.	Steam, generating	June 11
Zoll, Bernard, and Jas.	-	-	Mar. 29
Doyle	Baltimore, Md.	Soap, manufacturing by steam	" 29
			July 19

CALORIFIC AND STEAM APPARATUS.

INVENTIONS OR DISCOVERIES		NAMES OF PATENTEES	RESIDENCE.	WHEN ISSUED.
Baking iron	-	Elijah Skinner	Sandwich, N. H.	1830.
Do or cooking	-	Abel Stowell	Medford, Mass.	Oct. 1
Boilers, steam stoves, chimneys, &c.	-	John J. Giraud	Baltimore, Md.	Dec. 14
Do do	-	Henry M. Shreve	Louisville, Ken.	Mar. 8
Do do vertical	-	Ezra L. Miller	Charleston, S. C.	April 21
Do of steam engines, mode of supplying with water.	-	John S. Williams	Mayaville, Ken.	June 21
Do steam engine	-	John C. Douglass	New York	Nov. 17
Chimneys, ventiduct, topping	-	Joshua Ennis	Brooklyn, N. Y.	Dec. 17
Cooking apparatus	-	Joseph Jennings	New York	Oct. 1
Distilling	-	Charles F. Fisher	York, Pa.	May 14
Do by steam	-	William Berkley	Lebanon, Ky.	April 24
Do whiskey from corn	-	Daniel Lamson	Perrysburg, N. Y.	May 20
Do	-	Thomas Gallaher	Liverpool, Pa.	Oct. 1
Engine, rotary, propelling	-	John G. Hotchkiss	Cincinnati, O.	Dec. 14
Explosion of steam boilers, preventing by the detector	-	Thomas Eubank	New York	Oct. 1
Do guard for steamboats	-	Joseph Loughhead and J. B. Chapman	Philadelphia, Pa.	June 8
Do of steam boilers, preventing	-	Aaron B. Quimby	Hagerstown, Md.	" 11
Fire-place, Doric	-	John Pierpont	Boston, Mass.	Oct. 1
Do	-	Ebenezer Lester	Killingworth, Ct.	Jan. 8
Furnace, portable cooking	-	Asahel Cross	Cazenovia, N. Y.	June 21
Do do	-	William Haggerty, Charles Lawrence, and Thomas Frazer	New York	May 12
Do for burning stone coal or charcoal	-	John Eslin	Philadelphia, Pa.	" 22 June 19

LIST OF PATENTS—CALORIFIC AND STEAM APPARATUS—Continued.

INVENTIONS OR DISCOVERIES.	NAMES OF PATENTEES.	RESIDENCE.	WHEN ISSUED.
Furnace for tailors	- - -	- - -	1830.
Gasometer	- - -	Hartford, Conn.	May 23
Grate, kitchen	- - -	Baltimore, Md.	June 11
Lamp for burning lard	- - -	New York	Nov. 22
Do do tallow and other fatty substances	- - -	Ludlowville, N. Y.	April 26
Light, producing by a combination of liquids, and its applica-	- - -	New York	May 20
tion to lamps with or without wicks	- - -	New York	Oct. 16
Monuments, memento plates, mantel-pieces, casting	- - -	New York	Nov. 17
Reflector for lamps	- - -	Dover, N. H.	Oct. 1
Saccharifying rice and maize	- - -	Philadelphia, Pa.	Oct. 1
Do rye and other grain, potatoes, &c.	- - -	do	"
Salt water, purifying	- - -	Syracuse, N. Y.	Jan. 23
Salt, manufacturing	- - -	Elizabethtown, N. J.	Mar. 29
Soap, manufacturing, by steam	- - -	Baltimore, Md.	July 19
Do do	- - -	do	Oct. 1
Steam and other engines	- - -	Philadelphia, Pa.	Feb. 6
Do engines	- - -	do	May 31
Do do rotary	- - -	do	Oct. 1
Do do	- - -	do	"
Do do and boiler	- - -	Baltimore, Md.	Nov. 30
Do do and feeder for the boiler	- - -	Montgomery, Alab.	Dec. 28
Do generating	- - -	Oswego, N. Y.	Mar. 29
Stove for stone coal	- - -	Logan co., Ky.	Feb. 27
Do cooking	- - -	Lancaster, Pa.	May 7
	- - -	Ackworth, N. H.	

Stove, cooking	-	-	-	Lewis and Peter Peter-son	Pittsburg, Pa.	" 29
Do for anthracite coal	-	-	-	Anthony Savage	Pottsville, Pa.	June 10
Do cooking	-	-	-	Andrew C. Bettis and Eli M. Gibbs	Norwich, N. Y.	" 22
Do steam and hot water, portable	-	-	-	Thomas G. Fessenden	Charlestown, Mass.	Dec. 14
Sugar, manufacturing from cane juice	-	-	-	Wm. A. Archbald	New York	April 19
Do raw or brown from the juice of the cane	-	-	-	Wm. A. Archbald	do	" 19
Do do	-	do	-	Wm. A. Archbald	do	" 19
ing syrup in wooden vessels	-	-	-	Wm. A. Archbald	do	" 19

MILLS.

NAMES OF PATENTEES.	RESIDENCE.	INVENTIONS OR DISCOVERIES.	WHEN ISSUED.
Andrews, Anson	Spencer, N. Y.	Dogs, iron, for saw mills	1830.
Ambler, John, jr. and Daniel C. Ambler	New Berlin, N. Y.	Grist mill, pressure or weighted	April 10
Averill, Henry	Richland, N. Y.	Water wheel for propelling grist mills, &c.	Dec. 6
Baldwin, David	Queensbury, N. Y.	Friction' rollers	Oct. 21
Boynton, Paul	Ogdensburgh, N. Y.	Water wheel	Oct. 1
Culver, Benjamin	Glastenbury, Ct.	Flour, vibrating machine for separating	April 20
Cross, Arch. and Ezra Brown	Cazenovia, N. Y.	Grinding flax seed, paint, &c.	Oct. 6
Coleman, William	Euclid, O.	Grist mill, improvement on Haskins'	Feb. 4
Cooper, James	Augusta co., Va.	Propelling machinery by animal power	Feb. 25
Fyler, Barton N.	Bradford, Vt.	Grinding grain, hulling cotton seed, rubbing down whet stones, &c.	April 12
Griswold, Ephraim	Truxton, N. Y.	Grist mill	April 15
			Oct. 16

NAMES OF PATENTEES.	RESIDENCE.	INVENTIONS OR DISCOVERIES.	WHEN ISSUED.
Gentry, Joseph C.	Philadelphia, Pa.	Power portable machine for conveying animal to machinery	1830.
Hurd, Merritt	Augusta, N. Y.	Bark mill	Dec. 14
Henderson, John W. and John E. Cayford	Milbourne, Me.	Water wheel, re-acting	Feb. 1
Johnson, James	Fairbanks town'p, In.	Water wheel	April 14
Langford, Charles	Claridon, O.	Grist mill	Oct. 1
Mobley, Eli	Fredericktown, Md.	Saw mill	July 8
Newsom, Thomas G. and James C. Schule	Nashville, Tenn.	Propelling machinery by animal power	June 5
Newton, Joseph	Sweden, N. Y.	Saw mill machinery	Dec. 14
Pierce, Joshua, Joseph Whitley, and Aaron S. Whitley	Candor, N. Y.	Dogs, iron, for saw mills	Oct. 1
Parmerlie, David	Reading, Ct.	Grinding apples, corn, bark, &c.	April 13
Porter, Aaron	New London, Ind.	Grist mill	Mar. 4
Poiteaux, Michael B.	Richmond, Va.	Machinery for mills	" 10
Prim, William	Lebanon, Pa.	Saw and grist mill	May 20
Pritchard, E. B.	Scriven co. Ga.	Water, applying to flutter wheels	Oct. 6
Rich, Martin	Candor, N. Y.	Dogs, iron, for saw mills	May 31
Rich, Martin	Candor, N. Y.	Do do	Feb. 19
Smith, Jesse C.	Wheelings, Va.	Grist mill	April 13
Sawyer, Augustus	Hopewell, N. Y.	Machinery for mills, thrashing machines, &c.	Jan. 9
Thompson, Jonathan	Ashtabula, Ohio	Flouring mill	Oct. 1
Wilson, Increase	New London, Ct.	Grist mill	July 7
Wheeler, John R.	Pittsford, N. Y.	Water wheel	Feb. 23
			Mar. 15

Willson, Clark	-	Swansey, N. H.	-	do	-	-	-	Oct. 1
Wing, Calvin	-	Gardiner, Maine	-	do	-	-	-	" 22
Wing, Calvin	-	Gardiner, Me.	-	do	-	-	-	" 22

MILLS.

INVENTIONS OR DISCOVERIES.				NAMES OF PATENTEES.		RESIDENCE.	WHEN ISSUED.
Power, portable machine for conveying animal to machinery				Joseph C. Gentry		Philadelphia, Pa	1830.
Propelling machinery by animal power				James Cooper		Augusta co. Va.	Dec. 14
Propelling machinery				Thomas D. Newsom		-	Apr. 12
Saw mill				and James C. Shule		Nashville, Tenn.	Dec. 14
Do machinery				Eli Mobley		Fredericktown, Md.	June 5
Saw and grist mill				Joseph Newton		Sweden, N. Y.	Oct. 1
Water applying to flutter wheels				William Prim		Lebanon, Pa.	" 6
Water wheel				E. B. Pritchard		Scriven co. Ga.	May 31
Do do re-acting				John R. Wheeler		Pittsford, N. Y.	Mar. 15
Do do				John W. Henderson & John E. Cayford		Milburn, Me.	Apr. 14
Do do				Paul Boynton		Ogdensburg, N. Y.	" 20
Do do				James Johnson		Fairbankstownship, In.	Oct. 1
Do do				Clark Willson		Swansey, N. H.	" 1
Do do for propelling grist mills, &c.				Henry Averill		Richland, N. Y.	" 21
Do do and in casting the same				Calving Wing		Gardiner, Me.	" 23
Do do re-acting				Do		-	" 22
Bark mill				Meritt Hurd		Augusta, N. Y.	Feb. 1
Dogs, iron, for saw mills				Martin Rich		Canlor, N. Y.	" 19
Do do				Anson Andrews		Spencer, N. Y.	Apr. 10

LIST OF PATENTS—MILLS—Continued

INVENTIONS OR DISCOVERIES.	NAMES OF PATENTEES.	RESIDENCE.	WHEN ISSUED.
Dogs, iron, for saw mills	Joshua Pierce, Joseph Whitley and Aaron S. Whitley,	Candor N. Y.	1830.
Do do	Martin Rich,	Do	April 13
Flour, power vibrating machine for separating	Benjamin Calver	Glastonbury, Ct.	" 13
Flouring mill	Jonathan Thompson	Ashtabula, Ohio	Oct. 6
Friction rollers	David Baldwin	Queensbury, N. Y.	July 7
Grinding flax seed, paint, &c.	Archibald Cross and Ezra Brown	Queensbury, N. Y.	Oct. 1
Do apples, corn, bork, &c.	David Parmalee	Cazenovia, N. Y.	Feb. 4
Do grain, hulling cotton seed, rubbing down whet-stones, &c.		Reading, Ct.	Mar. 4
Grist mill	Barton N. Fyler	Bradford, Vt.	Apr. 15
Do	Jesse C. Smith	Wheeling, Va.	Jan. 11
Do improvement on Haskins'	Increase Wilson	New London, Ct.	Feb. 23
Do	William Coleman	Euclid, Ohio	" 25
Do	Aaron Porter	New London, In.	Mar. 10
Do	Charles Langford	Claridon, Ohio	July 8
Do	Ephraim Griswold	Truxton, N. Y.	Oct. 16
Do pressure or weighted	John Ambler, jr. & Daniel C. Ambler	New Berlin, N. Y.	Dec. 6
Machinery for mills, thrashing machines, &c.	Augustus Sawyer	Hopewell, N. Y.	Oct. 1
Do do	Michael B. Poiteaux	Richmond, Va.	May 20

SCREW AND LEVER POWER.

NAMES OF PATENTEES.	RESIDENCE.	INVENTIONS OR DISCOVERIES.	WHEN ISSUED.
Adams, Isaac	Boston, Ma.	Printing press power	1830.
Carpson, James	Raleigh, N. C.	Cotton press	Oct. 4
Dennison, Lester E.	Henderson, N. Y.	Lever press, tackle windlass	Nov. 4
Fairlamb, Samuel	Saybrook, Ct.	Pressing machine	Jan. 30
Grater, Geo. W.	New York	Inking forms of types or letters	Oct. 1
Grover, Hosea H.	Boston, Ma.	Lever and pulley power applied to a standing press	" 25
Klauberger, Daniel	Springwater, N. Y.	Scale, compound lever and self weighing	" 1
Morris, Benjamin	New York	Spring scale	Dec. 17
Norton, Myron	Binghampton, N. Y.	Lever press	June 12
Prince, John	Goshen, Ct.	Cheese pressing machine	Feb. 2
Palmer, Gideon	New York	Ink distributor, self-moving	Oct. 13
Sharman, Hazard	Montville, Ct.	Oil, tobacco, and cotton press	Apr. 23
Talcott, Jared G.	Scriba, N. Y.	Lever press	Dec. 14
Willard, Julius	Glastenbury, Ct.	Brick press	Nov. 1
Webb, Reynold, and Jonathan Cox	Baltimore, Md.	Brick press bridle	Oct. 1
Wood, Richard	Madison, Ct.	Cheese press	June 10
Wood, George	New York	Inking apparatus of Neal's printing press	Feb. 27
	Vernon, Ind.	Lever power, projectile	Nov. 4
			June 9

LIST OF PATENTS—SCREW AND LEVER POWER—Continued.

INVENTIONS OR DISCOVERIES.	NAMES OF PATENTEES.	RESIDENCE.	WHEN IS- SUED.
1830.			
Brick press bridle	Julius Willard	Baltimore, Md.	June 10
Do do	Jared G Talcott	Glastenbury, Ct	Oct 1
Cheese press	Reynold Webb, and Jonathan Cox	Madison, Ct.	Feb. 27
Cheese pressing machine	Myron Norton	Goshen, Ct.	Oct. 13
Cotton press	James Carson	Raleigh, N. C.	Nov. 4
Ink distributor, self-moving	John Prince	New York	Apr. 23
Inking forms of types or letters	Samuel Fairland	do	Oct. 25
Do apparatus of Neal's printing press	Richard Wood	do	Nov. 4
Lever press, tackle, windlass	John B. Carpenter	Henderson, N. Y.	Jan. 30
Do do	Benjamin Morris	Binghamton, N. Y.	Feb. 2
Do do	Hazard Sharman	Scriba, N. Y.	Nov. 1
Do power, projectile	George Wood	Vernon, Ind.	June 9
Do and pulley power applied to a standing press	George W. Grater	Boston, Mass.	Oct. 1
Oil, tobacco, and cotton press	Gideon Palmer	Montville, Ct	Dec. 14
Pressing machine	Lessor E. Dennison	Saybrook, Ct.	Oct. 1
Printing press power	Isaac Adams	Boston, Mass.	" 4
Scale spring	Daniel Klauberg	New York	June 12
Do compound lever and self-weighing	Hosea H. Grover	Springwater, N. Y.	Dec. 17

LIST OF PATENTS—ARMS.

NAMES OF PATENTEER.	RESIDENCE.	INVENTIONS OR DISCOVERIES.	WHEN ISSUED.
Bell, Wm. H.	Norfolk, Va.	Locks, percussion, and vent for cannon	1830. Oct. 1
Carleton, Michael	Haverhill, N. H.	Locks, percussion	Dec. 23
Forker, Samuel	Meadville, Pa.	Locks, percussion	Feb. 13
Newbury, Joel	Poughkeepsie, N. Y.	Locks, percussion, concealed	Apr. 27

ARMS.

INVENTIONS OR DISCOVERIES.	NAMES OF PATENTEES.	RESIDENCE.	WHEN ISSUED.
Locks, percussion	-	-	1830. Feb. 13
Do do concealed	Samuel Forker	Meadville, Pa.	Feb. 13
Do do and vent for cannon	Joel Newbury	Poughkeepsie, N. Y.	Apr. 27
Do do	Wm. H. Bell	Norfolk, Va.	Oct. 1
Do do	Michael Carleton	Haverhill, N. H.	Dec. 23

LIST OF PATENTS—MATHEMATICAL INSTRUMENTS.

NAMES OF PATENTEES.	RESIDENCE.	INVENTIONS OR DISCOVERIES.	WHEN IS-SUED.
Pool, John - Smith, Moses - Spear, Phineas -	Easton, Mass. New York - Portland, Me.	Protractor and tablet, geometrical - Compass needle, marine and surveying - Quadrant and sextant -	1830. June 16 June 15 Mar. 19

MATHEMATICAL INSTRUMENTS.

INVENTIONS OR DISCOVERIES.	NAMES OF PATENTEES.	RESIDENCE.	WHEN IS-SUED.
Compass needle, marine and surveying - Protractor and tablet, geometrical - Quadrant and sextant -	Moses Smith John Pool, jr. Phineas Spear	New York - Easton, Mass. Portland, Me.	1830. June 15 June 16 Mar. 19

CHEMICAL COMPOSITIONS.

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NAMES OF PATENTEES.	RESIDENCE.	INVENTIONS OR DISCOVERIES.	WHEN ISSUED.
Barnitz, Charles A.	Spring Garden, Pa.	Oil, manufacturing from the sunflower	1890.
Browne, William	New York	Tanning leather	Oct. 20
Cannon, Morris	New Orleans	Ague and fever specific	Nov. 11
Cooper, Peter	New York	Glue, manufacturing	Oct. 1
De Rivaflinoli, Vincent	London, England		April 29
Harsleben, Charles, and William Davis	Great Britain	Gold ores and alluvial soils, machine for washing	Nov. 1
Jones, Daniel		Gold, separating from earthen	Nov. 3
King, Roswell		Gold, separating by a vibrating circular cylindrical trough	Oct. 1
Do.	McIntosh, Geo.	Gold washer, vertical cylindrical	" 1
Ott, George	do.	Soda water apparatus	June 18
Perkins, Elisha	Norfolk, Va.	Blister plaister	Jan. 15
Pendergast, John G.	Baltimore, Md.	Oil and spirits of turpentine, preparing for paint	July 9
Palmer, Gideon	Palmyra, N. Y.	Oil, extracting from cotton seed	Dec. 14
Seybert, Henry, and Lardner Vanuxem	Montville, Pa.		
Smith, Isaac W.	Philadelphia, Pa.	Acids, margaric, stearic, and oleic, decomposed by caustic lime	Aug. 16
Summey, Peter	Lockport, N. Y.	Catholicon, chemical	May 28
Sumter, Thomas W. A.	Lincoln, N. C.	Gold, washing from gravel and sand	Jan. 30
Shopherd, Nathan	Poplar Grove, N. C.	Gold, washing and separating alluvial	May 22
Sanno, Frederick D.	Belmont county, O.	Ointment, improvement on Judkins'	July 9
Whistler, Samuel C., and James Smith	Philadelphia, Pa.	Gold, separating from earthen	Dec. 24
Williams, Thomas	Rockingham co. Va.	Gold, separating and grinding	Jan. 15
	Rochester, N. Y.	Hides, scraping flesh and hair from them in the process of tanning	Nov 4

LIST OF PATENTS—CHEMICAL COMPOSITIONS—Continued.

INVENTIONS OR DISCOVERIES.	NAMES OF PATENTEES.	RESIDENCE.	WHEN ISSUED.
Acids, margaric, stearic, and oleic, decomposed by caustic lime	Henry Seybert and Lardner Vanuxem	Philadelphia, Pa.	1830.
Ague and fever specific	Morris Cannon	New Orleans	Aug. 16
Blister plaister	Elisha Perkins	Baltimore, Md.	Oct. 1
Catholicon, chemical	Isaac W. Smith	Lockport, N. Y.	Jan. 15
Glue, manufacturing	Peter Cooper	New York	May 28
Gold, separating and grinding	Samuel Whistler and James Smith	Rockingham co. Va.	Apr. 29
Gold, washing from gravel and sand	Peter Summey	Lincoln, N. C.	Jan. 15
washing and separating alluvial	Thomas W. A. Sumter	Poplar Grove, N. C.	" 30
separating by a vibrating circular cylindrical trough	Roswell King	McIntosh co. Geo.	May 22
washer, vertical cylindrical	do.	do.	Oct. 1
Gold ores and alluvial soils, machine for washing	Vincent de Rivafinoli	London, England	" 1
Gold, separating from earths	Charles Harsleben, and William Davis	Great Britain	Nov. 1
Do. do.	Daniel Jones	Granville, N. C.	" 3
Hides, scraping flesh and hair from them in the process of tanning	Fred. D. Sanno	Philadelphia, Pa.	Dec. 24
Ointment, improvement on Judkins'	Thomas Williams	Rochester, N. Y.	Nov. 4
Oil and spirits of turpentine, preparing for paint	Nathan Shepherd	Belmont county, O.	July 9
Oil, manufacturing from the sunflower	John G. Pendergast	Palmyra, N. Y.	July 9
Oil, extracting from cotton seed	Charles A. Barnitz	Spring Garden, Pa.	Oct. 20
Soda water apparatus	Gideon Palmer	Montville, Pa.	Dec. 14
Tanning leather	George Ott	Norfolk, Va.	June 18
	William Browne	New York	Nov. 11

FINE ARTS.

NAMES OF PATENTEES.	RESIDENCE.	INVENTIONS OR DISCOVERIES.	WHEN ISSUED.
Bruce, George	New York	Music types, by combining printers' types	1830.
Babcock, Alpheus	Philadelphia, Pa.	Piano forte, cross stringing	Nov. 27
Couillard, Samuel, jr.	Boston, Ms.	Plates, punched, etched, or engraved, wiping and polishing their exterior surface	May 24
Gould, Marcus T. C.	Philadelphia, Pa.	Pen fountain, self supplying	Oct. 9
Hara, John O., assignee of John L. Dagg	Philadelphia, Pa.	Calendars	Oct. 1
Hyde, Douglas	Reading, Pa.	Pen fountain	May 4
Sackmeister, Charles P.	New York	Piano forte	" 20
Scabury, Charles S.	do.	do. do.	" 17
Thompson, Jesse	do.	do. do. upright	" 20
Varle, Charles	Baltimore, Md.	Instructor, self	Oct. 1
			May 20

LIST OF PATENTS—FINE ARTS—Continued.

INVENTIONS OR DISCOVERIES.	NAMES OF PATENTEES.	RESIDENCE.	WHEN ISSUED.
Calendars	John O. Hara, assignee of John L. Dagg	Philadelphia, Pa.	1830.
Instructor, self	Charles Varlé	Baltimore, Md.	May 4
Music types, by combining printers' types	George Bruce	New York	" 20
Pen fountain	Douglas Hyde	Reading, Pa.	Nov. 27
do. self supplying	Marcus T. C. Gould	Philadelphia, Pa.	May 20
Piano forte	Charles S. Sackmeister	New York	Oct. 1
do.	Charles P. Seabury	do.	May 17
do. cross stringing	Alpheus Babcock	Philadelphia, Pa.	" 20
do. upright	Jesse Thompson	New York	" 24
Plates, punched, etched, or engraved, wiping and polishing their exterior surfaces	Samuel Couillard, jr.	Boston, Ms.	Oct. 1
			Oct. 9

HOROLOGY.

NAMES OF PATENTEES.	RESIDENCE.	INVENTIONS OR DISCOVERIES.	WHEN ISSUED.
Bogardus, James	New York	Clocks	1830.
Bakewell, John P.	Pittsburg, Pa.	Wheels, glass, for clocks	Mar. 2
Custer, Jacob D.	Norristown, Pa.	Clocks	Oct. 1
Gould, Abijah	Henrietta	Clocks	Nov. 24
Terry, Silas B.	Plymouth, Ct.	Clocks	Oct. 1
		Springs, combined spiral, applied to clocks	Nov. 3

HOROLOGY.

INVENTIONS OR DISCOVERIES.	NAMES OF PATENTEES.	RESIDENCE.	WHEN ISSUED.
Clocks	James Bogardus	New York	1830.
Do.	Abijah Gould	Henrietta, N. Y.	Mar. 2
Do.	Jacob D. Custer	Norristown, Pa.	Oct. 1
Spring, combined spiral, applied to clocks	Silas B. Terry	Plymouth, Ct.	Nov. 24
Wheels, glass, for clocks	John P. Bakewell	Pittsburg, Pa.	" 3
			Oct. 1

NAMES OF PATENTEES.	RESIDENCE.	INVENTIONS OR DISCOVERIES.	WHEN ISSUED.
Blake, Elihu	New York	Milk, apparatus for drawing from breasts of women	1830.
Heintzelman, John J.	Philadelphia, Pa.	Truss, spiral spring	Apr. 24
Hull, Amos G.	New York	Truss, (patents of 17th July, 1817, 27th February, 1823, 19th August, 1824, and 28th October, 1829, cancelled, and patent re-issued December 20, 1830)	Feb. 16 1817. July 17 1830.
Knight, James	Baltimore, Md.	Truss	Dec. 14
Marsh, Seymour	Canajoharie, N. Y.	do.	Mar. 29
Twitchell, Gershom	Leominster, Ms.	do. elastic	Dec. 20

SURGERY.

INVENTIONS OR DISCOVERIES.	NAMES OF PATENTEES.	RESIDENCE.	WHEN ISSUED.
Milk, apparatus for drawing from breasts of women	Elihu Blake	New York	1830.
Truss, spiral spring	John J. Heintzelman	Philadelphia, Pa.	Apr. 24
Do.	Seymour Marsh	Canajoharie, N. Y.	Feb. 16
Do.	James Knight	Baltimore, Md.	Mar. 29
Do. (patents of 17th July, 1817, 27th February, 1823, 19th August, 1824, and 28th October, 1829, cancelled, and patent re-issued December 20th, 1830)	Amos G. Hull	New York	Dec. 14 1817. July 17 1830.
Do. elastic	Gershom Twitchell	Leominster, Ms.	Dec. 20

[Doc. No. 49.]

The following abstract exhibits the number of Patents sent to each State.

Maine	-	-	15	Tennessee	-	-	3
New Hampshire	-	-	14	Ohio	-	-	19
Massachusetts	-	-	46	Louisiana	-	-	2
Rhode Island	-	-	14	Indiana	-	-	6
Connecticut	-	-	52	Mississippi	-	-	1
Vermont	-	-	5	Alabama	-	-	1
New York	-	-	190	Illinois	-	-	0
New Jersey	-	-	8	Missouri	-	-	0
Pennsylvania	-	-	88	Arkansas Territory	-	-	0
Delaware	-	-	3	Michigan Territory	-	-	1
Maryland	-	-	24	Florida Territory	-	-	0
Virginia	-	-	26	District of Columbia	-	-	3
North Carolina	-	-	6	Great Britain	-	-	2
South Carolina	-	-	6				
Georgia	-	-	3				
Kentucky	-	-	6				
				Total			<u>544 patents.</u>

PATENTS GRANTED IN 1831.

LETTER

FROM

THE SECRETARY OF STATE,

TRANSMITTING

*A list of the names of Persons to whom Patents have been granted, for
New Inventions, during the year 1831.*

JANUARY 5, 1832.

Read, and laid upon the table.

DEPARTMENT OF STATE,

January 3, 1832.

SIR: In pursuance of the resolutions of the House of Representatives of the United States, dated the 13th of January, 1812, and the 2d of April, 1830, I have the honor of transmitting a list of the names of persons who have invented any new or useful art or machine, manufacture, or composition of matter, or any improvement thereon, and to whom patents have been issued for the same from this office, from the 1st day of January, 1831, to the 1st day of January, 1832, with the dates and general objects of such patents; and also the residence of the patentees, as far as they could be ascertained.

I have the honor to be,

With great consideration,

Your very obedient servant,

EDW. LIVINGSTON.

The Hon. the SPEAKER of the Ho. of Reps. U. S.

LIST OF PATENTS GRANTED BY THE UNITED STATES IN 1831. AGRICULTURE.

INVENTIONS OR DISCOVERIES.	NAMES OF PATENTEES.	RESIDENCE.	WHEN ISSUED.
Apples, machine for gathering and cleansing	Elias Wells	Duxbury, Vt.	Dec. 6, 1831
Axes, manufacturing	Erastus Shaw and R. H. Burk	-	-
Beehive, and management of bees	Philip Munch	Canton, Ct.	Nov. 3, do
Do	Abijah Alley	Putnam, O.	July 27 do
Do	Eben Britton	Cincinnati, O.	Aug. 26, do
Beef, or cold saw, machine for shaving or cutting	Henry Baugs	Little Falls, N. Y.	Sept. 9, do
Bolt, for separating clover chaff from straw	John Bolton	New York	April 28, do
Broom corn, machine for scraping	Billy J. Billings and John S. Billings	Harrisburg, Pa.	July 28, do
Chedae, netting for forming pine apple	William Starr	Gorham, N. Y.	Oct. 15, do
Cider mill, rotary cylinder	Silas Freeman, jr.	Norway, N. Y.	Dec. 27, do
Clover seed, machine for hulling and cleaning	Samuel White	New Marlborough, Ms.	Mar. 14, do
Do do do	William Williams	Chambersburg, Pa.	Aug. 10, do
Do do do	Peirson Reading	Buckingham tow'p, Pa.	Aug. 12, do
Do do (called "The Farmer's Delight")	Alex'r Matthews	Trenton, N. J.	Oct. 25, do
Corn shelling machine	Jabez Parker and Hiram M. Smith	Island Creek, O.	Dec. 13, do
Do do	Joel Barnes and Nelson T. Loomis	Richmond, Va.	April 9, do
Do do and family mill	Ezra Bond	Cornwall, Ct.	April 13, do
Do do (Patent of April, 1828, cancelled on account of a defective specification	William Hoyt	Mendon, N. Y.	June 13, do
		Vernon, Inda.	June 13, do

Cornshelling machine	-	David Hitchcock	New York	-	June 13,
Do and cleaning machine	-	Jesse Reed	Marshfield, Mass.	-	Sept. 1, do
Cottongin frame, in whole or in part of cast iron	-	Eben. A. Lester	Boston, Mass.	-	Jan. 8, do
Do cultivating machine, called the scraper and harrow	-	William P. Sample	Bedford co. Tenn.	-	Sept. 3, do
Flax and hemp, machine for breaking and dressing	-	Lafayette Tibbitts	New Glasgow, Va.	-	Oct. 22, do
Forks, steel spring	-	Charles Goodyear	Philadelphia, Pa.	-	Sept. 7, do
Grain, rice, &c., separating from straw, and cutting straw	-	Abel Look	Pittsfield, Mass.	-	June 13, do
Do machine for cleaning from dirt	-	Thomas Reese	Baltimore, Md.	-	July 20, do
Grass and grain, machine for cutting	-	William Manning	Plainfield, N. J.	-	May 3, do
Harrow, revolving	-	Samuel Rugg	Lancaster, Mass.	-	Jan. 11, do
Hemp, machine for breaking	-	William Greathouse	Mason co., Ky.	-	July 30, do
Do do	-	William Stone, jr.	Williamson co., Tenn.	-	Sept. 8, do
Planting onion seed, beans, corn, &c.	-	P. Smith and Theod.			
	-	H. Arnold	Haddam, Ct.	-	Jan. 20, do
Planting corn and other seed	-	Henry Todd	Pembroke, N. H.	-	Oct. 1, do
Plants, insects, &c., mode of destroying them	-	Jos. Nicolas	Lafourche, La.	-	June 13, do
Plough, barshear	-	Edm'd M. Waggenet	Adair co., Ky.	-	Jan. 12, do
Do	-	John Anthony	Zanesville, O.	-	Feb. 1, do
Do	-	Timothy Miller	Pittsburg, Pa.	-	Feb. 15, do
Do hill side	-	Cyrus H. McCormick	Rockbridge co., Va.	-	June 13, do
Do double	-	Albert Peebles	Henry co., Geo.	-	July 20, do
Do	-	Barnabas Thacker, jr.	Barnstable, Mass.	-	Do do
Do	-	Nath. Etheridge, Geo.			
Do	-	Heath, & I. G. Glynn	Little Falls, N. Y.	-	July 23, do
Do	-	William Savage and			
	-	Hez. Davidson	Horse Well, Ky.	-	Aug. 24, do
Do	-	William Black	Ann Arundel co., Md.	-	Oct. 4, do
Do	-	John Carothers	Shirleysburg, Pa.	-	Dec. 10, do
Do	-	John Deats	Roxbury, N. J.	-	Dec. 28, do
Rake, horse	-	William Phillips	New Brunswick, N. J.	-	Aug. 15, do
Smut machine	-	Levi Hayward	Pelphs, N. Y.	-	April 12, do

LIST OF PATENTS—AGRICULTURE—Continued.

INVENTIONS OR DISCOVERIES.	NAMES OF PATENTEES.	RESIDENCE.	WHEN ISSUED.
Threshing machine	Isaac Norton	Schuylersville, N. Y.	Jan. 6, 1891
and dressing flax	Stephen J. Gold	Cornwall, Ct.	Jan. 11, do
-	Samuel Turner	Aurelius, N. Y.	Jan. 11, do
-	William Emmons	New York	Feb. 7, do
-	Truman Fox and W	-	-
-	C. Borland	Little Falls, N. Y.	Feb. 8, do
-	John Harman, jr.	Upper Wakefield, Pa.	Feb. 11, do
and shelling corn	Jacob Hetzel and Jesse	-	-
-	Bevier	Ithaca, N. Y.	Feb. 14, do
-	Joseph C. Gentry	Philadelphia, Pa.	Mar. 7, do
improvement on Douglass's	Fayette Cross	Sweden, N. Y.	Mar. 8, do
float and tooth	Abram W. Summers	Gates, N. Y.	Mar. 21, do
-	Gideon Cande and Jos.	-	-
-	Tousey	Rochester, N. Y.	April 1, do
and cleaning wheat and other grain	Samuel Lane	Hallowell, Me.	April 6, do
-	William B. Marks	Petersburg, Va.	April 8, do
-	Newton C. Munroe	Windham, N. Y.	April 14, do
-	William J. Wood	Rochester, N. Y.	April 19, do
-	Andrew Richison	New Carlisle, O.	April 22, do
hulling clover seed, and mashing and	Oliver Dean, jr. and	-	-
grinding grain	Jos Woodhull	Caledonia, N. Y.	April 25, do
-	Joshua S. West	Portland, N. Y.	April 26, do
shelling corn and grinding apples	Alonzo L. Smith	Wood's Port, N. Y.	April 27, do
-	Edmund Warren	New York	April 28, do
cylinder and concave	William E. Osborn	Brighton, N. Y.	April 30, do

LIST OF PATENTS—AGRICULTURE—Continued.

INVENTIONS OR DISCOVERIES.	NAMES OF PATENTEES.	RESIDENCE.	WHEN ISSUED.
Winnowing mill	-	-	-
Do and cleansing grain	Moses Elliot	Boscawen, N. H.	June. 13, 1831.
-	Jos. D. Prescott	Chester ville, Me.	July 20, do
Wool, sheep's, cleaning it from burs while on the skin	Lewis L. Miller	Rocheater, N. Y.	Jan. 31, do

LIST OF PATENTEES—AGRICULTURE.

NAMES OF PATENTEES.	RESIDENCE.	INVENTIONS OR DISCOVERIES.	WHEN ISSUED.
Alley, Abijah	Cincinnati, O.	Beehive	Aug. 26, 1831
Anthony, John	Zanesville, O.	Plough bar shear	Feb. 1, do
Britton, Eben	Little Falls, N. Y.	Beehive	Sept. 9, do
Bangs, Henry	New York	Beef or cold saw, machine for cutting	April 28, do
Bolton, John	Harrisburg, Pa.	Bolt for separating clover chaff from straw	July 28, do
Billings, Billy, J. &	Gorham, N. Y.	Broom corn, machine for scraping	Oct. 15, do
John S. Billings	-	-	-
Barnes, Joel & N. T.	-	-	-
Loomis	Cornwall, Ct.	Corn shelling machine	April 13, do
Bond, Ezra	Mendon, N. Y.	Do do and family mill	June 13, do
Black, William	Ann Arundel co., Md.	Plough	Oct. 4, do
Baleh, Benjamin, and	-	-	-

Luke Webster	Sweden, N. Y.	Threshing machine	-	-	July 22,
Beach, Waldren	Philadelphia, Pa.	Do do	-	-	Nov. 23,
Carothers, John	Shirleysburg, Pa.	Plough	-	-	Dec. 10,
Cross, Fayette	Sweden, N. Y.	Threshing machine improvement on Douglass's	-	-	Mar. 8,
Cande, Gideon, and Jos					
Tousey	Rochester, N. Y.	Do	-	-	April 1,
Crawford, Ira	Sweden, N. Y.	Do	-	-	July 20,
Carpenter, 2d, Thomas	Elmyra, N. Y.	Do	-	-	Sept. 28,
Deals, John	Roxburg, N. J.	Plough	-	-	Dec. 28,
Dean, Oliver, and Jos.					
Woodhull	Caledonia, N. Y.	Threshing machine	-	-	April 25,
Dawkins, Johnson	Westport, Ky.	Do	-	-	Nov. 10,
Etheridge, Nathaniel,					
Geo. Heath, and Ira					
G. Glynn	Little Falls, N. Y.	Plough corn	-	-	July 23,
Emmons, Wm.	New York	Threshing machine	-	-	Feb. 7,
Elliot, Moses	Boscawen, H. H.	Winnowing Mill	-	-	June 13,
Freeman, jr., Silas	New Marlboro', Ms.	Cider mill, rotary cylinder	-	-	Mar. 14,
Fox, Truman, & Wm.					
G. Borland	Little Falls, N. Y.	Threshing machine	-	-	Feb. 8,
Fahrney, Samuel	Boonsboro', Md.	Do do	-	-	May 9,
Goodyear, Charles	Philadelphia, Pa.	Fork, steel spring	-	-	Sept. 7,
Greathouse, William	Mason County, Ky.	Hemp, machine for breaking	-	-	July 30,
Gold, Stephen J.	Cornwall, Ct.	Threshing machine	-	-	Jan'y 11,
Gentry, Joseph C.	Philadelphia, Pa.	Do do	-	-	Mar. 7,
Gillet, Rinaldo P.	Victor, N. Y.	Do do	-	-	June 13,
Gordon, Ebenezer, &					
David T. Gordon	Oswego County, N. Y.	Do do	-	-	Oct. 27,
Geoghegan, Chas., and					
James Allen, jr.	Richmond, Va.	Tobacco Manufacturing	-	-	Dec. 6,
Hoyt, William	Vernon, Ind.	Corn shelling machine, patent of Apr. 29, 1828, cancelled	-	-	June 13,

LIST OF PATENTEES—AGRICULTURE—Continued.

NAMES OF PATENTEES.	RESIDENCE.	INVENTIONS OR DISCOVERIES.	WHEN ISSUED.
Hitchcock, David	New York	Cornshelling machine	June 13, 1831
Hayward, Levi	Phelps, N. Y.	Smut machine	April 12, do
Harman, jr., John	Upper Wakefield, Pa.	Thrashing machine	Feb. 11, do
Hotzel, Jacob, & Jesse			
Bevier	Ithaca, N. Y.	Do do	Feb. 14, do
Harrington, Philip	Petersburg, Va.	Do do	July 20, do
Herriges, John J.	Philadelphia, Pa.	Tobacco twisting	June 13, do
Lester, Ebenezer A.	Boston, Ma.	Cottongin frame	Jan'y 8, do
Look, Abel	Pittsfield, Ma.	Grain, rice, &c., separating	June 13, do
Lane, Samuel	Hallowell, Me.	Thrashing machine, &c.	April 6, do
Lammon, John	Macedon, N. Y.	Do do and horse power	Dec. 14, do
Munch, Philip	Putnam, O.	Beehive	July 27, do
Mathews, Alexander	Island Creek, O.	Clover seed machine	Dec. 13, do
Manning, William	Plainfield, N. J.	Grass and grain, machine for cutting	May 9, do
Miller, Timothy	Pittsburg, Pa.	Plough	Feb. 15, do
McCormick, Cyrus H.	Rockbridge co., Va.	Do hill side	June 13, do
Marks, William B.	Petersburg, Va.	Thrashing machine	April 18, do
Munroe, Newton C.	Windham, N. Y.	Do do	April 14, do
Maltby, Benjamin	Gates, N. Y.	Do do	July 30, do
Miller, Lewis L.	Rochester, N. Y.	Wool, sheep's, cleaning from burs	Jan'y 31, do
Nicolas, Joseph	Lafourche, La.	Plants, insects, &c., mode of destroying	June 13, do
Norton, Isaac	Schuyler'sville, N. Y.	Thrashing machine	Jan'y 6, do
Newbill, Tyree G.	Franklin county, Va.	Tobacco, mode of curing	Jan'y 11, do
William E. Osborn	Brighton, N. Y.	Thrashing machine	April 30, do

Parker, Jabez, and Hiram M. Smith	Richmond, Va.	Corn shelling machine	-	April 9,	do
Peebles, Albert	Henry county, Geo.	Plough Double	-	July 20,	do
Phillips, William	New Brunswick, N. J.	Rake Horse	-	Aug. 15,	do
Palmer, Innis B.	Baltimore, Md.	Thrashing machine	-	July 20,	do
Prescott, William	Pottsville, Pa.	Do do	-	Oct. 25,	do
Palmer, Isaac S.	Philadelphia, Pa.	Do do concave bed	-	Dec. 6,	do
Prescott, Joseph D.	Chester, Me.	Winnowing and cleaning grain	-	July 20,	do
Reading, Pierson	Trenton, N. J.	Clover seed machine	-	Oct. 25,	do
Reed, Jesse	Marshfield, Ma.	Corn shelling machine	-	Sept. 1,	do
Reese, Thomas	Baltimore, Md.	Grain machine for cleaning	-	July 20,	do
Rugg, Samuel	Lancaster, Ma.	Harrow revolving	-	Jan. 11,	do
Richison, Andrew	New Carlisle, O.	Thrashing machine	-	April 22,	do
Redifer Jacob	Philadelphia, Pa.	Do do	-	July 25,	do
Rogers, Samuel	Ashville, N. C.	Do do	-	Do	do
Shaw, Erasmus, and Robert H. Burk	Canton, Ct.	Axes manufactory	-	Nov. 3,	do
Starr, William	Norway, N. Y.	Cheese netting	-	Dec. 27,	do
Sample, William P.	Bedford county, Ten.	Cotton cultivating machine	-	Sept. 3,	do
Stone, jr., Wm.	Williamson Co., Ten.	Hemp machine	-	Sept. 8,	do
Smith, P., and Theo- dore H. Arnold	Haddam, Ct.	Planting corn, &c.	-	Jan. 20,	do
Savage, William, and Hez. Davidson	Horse Well, Ky.	Plough	-	Aug. 24,	do
Summers, Ab'm W.	Gates, N. Y.	Thrashing machine, float and tooth	-	Mar. 21,	do
Smith, Alonzo L.	Weedsport, N. Y.	Do do shelling corn, &c.	-	April 27,	do
Stanton, Nehemiah P.	Syracuse, N. Y.	Do do	-	July 21,	do
Spencer, Henry	Maryland, N. Y.	Do do	-	Nov. 7,	do
Shaffer, Philip	Richmond towns'p, Pa	Do do	-	Nov. 16,	do
Tibbitts, Lafayette	New Glasgow, Va.	Flax and hemp machine	-	Oct. 22,	do
Todd, Henry	Pembroke, N. H.	Planting corn, &c.	-	Oct. 1,	do

LIST OF PATENTEES—AGRICULTURE—Continued.

NAMES OF PATENTEES.	RESIDENCE.	INVENTIONS OR DISCOVERIES.	WHEN ISSUED.
Thacker, jr., Barnabas	Barnstable, Ma.	Plough	July 20, 1831.
Turner, Samuel	Aurelius, N. Y.	Thrashing machine	Jan. 11, do
Tibbitts, Lafayette	New Glasgow, Va.	do	Oct. 22, do
Tuck, Davis G.	Halifax C. H., Va.	Tobacco, drying by flues or stoves	Feb. 15, do
Van Doren, Isaac	Hopewell townsh. N. J.	Thrashing machine	June 13, do
Vodsburgh, Jno.	Kinderhook, N. Y.	do	July 20, do
Wells, Elias	Duxbury, Vt.	Apples, machine for gathering, &c.	Dec. 6, do
White, Samuel	Chambersburg, Pa.	Clover seed machine	Aug. 10, do
Williams, William	Buckingham towns, Pa.	do	Aug. 12, do
Waggenett, Edm'd M.	Adair county, Ky.	Plough bar shear	Jan. 12, do
Wood, Wm. J.	Rochester, N. Y.	Thrashing machine	April 19, do
West, Joshua S.	Portland, N. Y.	do	26, do
Warren, Edmund	New York	do	28, do
Wickwire, Ezra	Alexander, N. Y.	do	Sept. 28, do

LIST OF PATENTS—FACTORY MACHINERY.

INVENTIONS OR DISCOVERIES	NAMES OF PATENTEES.	RESIDENCE.	WHEN ISSUED.
Axes, oval	-	-	Mar. 2, 1831.
Auger, serpentine screw	- Stephen Hyde - George Sheller	Williamsburg, Mass. York, Pa.	Mar. 21, do

Boring and drilling stone, &c., vertically or horizontally	Eben. C. Everts and William Lockwood	Colesville, N. Y.	July 20, do
Buttons, manufacturing, called "The Safe Eye Button"	Chas. Goodyear	Philadelphia, Pa.	Jan. 12, do
Do do metallic flexible shank	Josiah Hayden, jr.	Williamsburg, Mass.	Feb. 17, do
Do do dead eyed wood	De Grasse Fowler	Branford, Ct.	June 13, do
Candles, mould, manufacturing, called "The Candle Drawer and Endless Wick Nipper"	Thomas Hewitt, jr.	Philadelphia, Pa.	May 4, do
Candles, mould, manufacturing, called "The Sliding Mandril Mould"	Do	Do	June 13, do
Candles, mould for making	Tim'y J. Dyre and A. T. Richmond	New Bedford, Mass.	July 20, do
Caps, manufacturing, and rendering them water proof, elastic, &c. Patent of January 19, 1831, cancelled on account of a defective specification	Laban L. Macomber	Gardiner, Me.	Oct. 11, do
Cards, filletting, or cut, prick, and set machine	Reuben Meriam	Leicester, Mass.	May 2, do
Do and drawing can hoops, of iron, mode of bending	John Butterworth	Philadelphia co., Pa.	July 20, do
Chairs, couches, sofas, settees, &c.	Chas. Adams	Boston, Mass.	April 18, do
Cloths, dressing woollen, or part wool and part cotton	Calvin W. Cook	Lowell, Mass.	April 23, do
Cocanut cutter	Daniel Fitzgerald	New York	Dec. 22, do
Dying cotton in the staple, or cotton wool	James R. Stewart	Do	Nov. 11, do
Edging, machine for turning the edges of tin, copper, or sheet iron, called "The French Horse"	John Woolley	Do	Mar. 16, do
Edging metal plates for roofing houses	Daniel A. Piper	Cincinnati, O.	Aug. 15, do
Fan, mechanical, improvement on his fan patented November 27, 1830	James Barron	Norfolk, Va.	June 13, do
Fur, machine for cleaning	Wm. Woodworth	New York	April 19, do
Glass frames, for looking glasses, pictures, &c.	John Scott	Philadelphia, Pa.	April 6, do
Do knobs	Spencer Richards	Cambridge, Mass.	Oct. 31, do
Hats, wool and fur, composition for stiffening	Laban L. Macomber	Gardiner, Me.	Jan. 19, do
Do felting and napping	Thos. J. Cornell	Randolph, Vt.	Feb. 11, do
Do body bats	Stephen Hurlbut	Glastonbury, Ct.	Feb. 14, do
Do manufacturing, by hardening them on a cone	Do	Do	June 13, do

LIST OF PATENTS—FACTORY MACHINERY—Continued.

INVENTIONS OR DISCOVERIES.	NAMES OF PATENTEES.	RESIDENCE.	WHEN ISSUED
Hats, manufacturing by steam -	David Sutton	Lancaster, Ky.	June 13, 1831.
Do composition for stiffening -	Charles Bent and F. Bush	Chelmsford, Mass.	Nov. 3, do
Hooks and eyes, machine for making -	James Stewart	Boston, Mass.	July 20, do
Iron, malleable cast, manufacturing -	Seth Boyden	Newark, N. J.	Mar. 9, do
Do do -	Do	Do	April 6, do
Do cast, uniting with steel or wrought iron -	Asa Mallory and Chas. Miles	Concord, O.	Aug. 1, do
Do borings, drillings, filings, &c., rendered available in furnaces -	Maynadier Mason	Georgetown, D. C.	Nov. 8, do
Knitting, machine for, stockings, &c -	John McMullen and Jos. Hollen, jr.	Huntingdon co., Pa.	Mar. 5, do
Locks for doors -	Andrew Wolfe	Pittsburg, Pa.	April 18, do
Loom, for weaving webbing, tape, binding, &c. -	Asa G. Bill and Geo. Spalding	Middletown, Ct.	Mar. 28, do
Do power, and stopping it when the filling breaks -	Jesse Taylor and Jos. Woodhead	Middletown, Pa.	April 21, do
Mould, metallic, for casting butt hinges -	Jonas Kendall, jr.	Watertown, Mass.	July 21, do
Nets for horses, (fly nets) -	Peter Mintzer	Philadelphia, Pa.	July 20, do
Do do -	William H. Horstman	Do	July 28, do
Do do -	Henry Korn	Do	Dec. 8, do
Paper, manufacturing -	Sol'n Stimpson	Newbury, Vt.	Mar. 18, do
Do cutting machine -	Edw'd Pine	Troy, N. Y.	July 20, do
Pasteboard, &c., manufacturing -	Fred. A. Taft	Dedham, Mass.	July 20, do
Phials, essence, tubular improvement -	John Staniford	Boston, Mass.	Oct. 17, do

Plane, bevel wheel, for planing boards -	Jona. Newhall	Washington, Me.	Jan.	25,	do
Do carpenter's, and manner of fastening the iron, &c. -	Phinebas Meigs	Madison, Ct.	Feb.	9,	do
Do accelerating, for planing, jointing, grooving, &c. -	John W. Newberry	Pittsboro, N. Y.	Nov.	15,	do
Punching machine for copper or brass -	John Shugert	Pittsburg, Pa.	July	20,	do
Do or cutting iron or steel by machinery -	Jadediah Richards	Elbridge, N. Y.	Sept.	28,	do
Rags, washing, for making paper -	John Ames	Springfield, Mass.	April	6,	do
Do do -	D. Ames, jr., and Jno Amos, assignees of Sam'l Eckstein	Philadelphia, Pa.	June	13,	do
Do machine for cleaning -	George Cartiel	Manchester, Ct.	July	27,	do
Reeds, or sleys for weaving -	Horace Holt	Rutland town'p., O.	Oct.	17,	do
Rifles, for sharpening edged tools -	Peleg Barlow	Dutchess co., N. Y.	Mar.	1,	do
Do do -	Do	Amenia, N. Y.	June	13,	do
Ropes, manufacturing -	Edward S. Townsend and Philo Durfee	Palmyra, N. Y.	Jan.	6,	do
Do do -	William Stone, jr.	Williamson co., Tenn.	Sept.	8,	do
Roping, manufacturing, called "The Compound Revolver," -	Asa Whitman & Joel Baker	Walpole, Mass.	July	20,	do
Rollers, cast iron, for laminating and flattening metals -	James Wood	Philadelphia, Pa.	July	20,	do
Saws, gumming the teeth of saw mill and cross cut -	Phinebas Newton	Sidney Plains, N. Y.	April	29,	do
Do do and trimming -	Jos. Spencer	Canajoharie, N. Y.	Aug	15,	do
Saw trimmer -	John R. Failing and Robert G. Nellis	Do	April	27,	do
Do or engine instrument -	Adam Clarke, jr.	Bern, N. Y.	Aug.	24,	do
Sawing machine, cross cut -	James W. Messenger	Windham, O.	Dec.	21,	do
Screws, wood, for pressing hay, cider, and cotton -	John Morrison	Hartisburg, Inda.	Mar.	12,	do
Do do -	Hazard Knowles	Colchester, Ct	April	1,	do
Scythe sneds -	John Knight	Woodbury, N. J.	April	7,	do
Shears for cutting pasteboard, sheet iron, &c. -	Alvah Hardy	Boston, Mass.	Aug.	12,	do
Shovel scoop -	Elish Mudge and Ru- fus Tenny	Alexander, N. Y.	April	6,	do

LIST OF PATENTS—FACTORY MACHINERY—Continued.

INVENTIONS OR DISCOVERIES.	NAMES OF PATENTEES.	RESIDENCE.	WHEN ISSUED.
Shovel scoops, &c., manufacturing, from sheet iron, cop- per, &c.	Mord'a Bull	Greenwich, N. Y.	Sept. 28, 1831.
Sickles, files, &c., machine for cutting	Simon Hornback	Lafayette, Inda.	Feb. 11, do
Skates, and mode of manufacturing the same	Welcome Whitaker	Troy, N. Y.	Dec. 30, do
Spades and shovels, making, by machinery	Chas. Richmond and Sam'l Caswell, jr.	Taunton, Mass.	April 7, do
Spinning wool	David S. Wooster	Sneldon, N. Y.	Feb. 14, do
Do cotton, and other fibrous material	John Brown	Stonington, Ct.	June 13, do
Do hemp, flax, and other substances	Daniel Treadwell	Boston, Mass.	Oct. 11, do
Do cotton and wool	Levi Rice	Milburn, Mass.	Nov. 14, do
Stereotype extendible blocks	Elihu White, assignee of G. W. Grater	New York	Jan. 7, do
Throatle frame and bobbin regulator	John Brown and Jno. John Standish	Cranston, R. I.	June 13, do
Tow lines, rope cordage, &c.	Aaron Bull	Caroline, N. Y.	Dec. 29, do
Type caster, vertical	Elihu White, assignee of M. D. Mann and Steph. Sturdevant	New York	Jan. 7, do
Type rubber, or machine for smoothing bodies of types	Elihu White, assignee of S. Sturdevant	Do	Jan. 7, do
Weaving figured cloth	George Detterich and Jona. Conger	Tompkins co., N. Y.	Mar. 12, do

LIST OF PATENTEES—FACTORY MACHINERY.

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NAMES OF PATENTEES.	RESIDENCE.	INVENTIONS OR DISCOVERIES.	WHEN ISSUED.
Adams, Charles	-	-	-
Ames, John	-	-	-
Ames, jr., David and John Ames, assignees of Sam'l Eckstein	Boston, Ma. Springfield, Ma.	Chairs, couches, &c.	April 18, 1831.
Butterworth, John	-	Rags, machine for washing	April 6, do
Barron, James	-	-	-
Bent, Chas., and Fra- bush	Philadelphia, Pa.	Do do	June 13, do
Boyden, Seth	Philadelphia, Pa.	Cards, and drawing can hoops, &c.	July 20, do
Do do	Norfolk, Va.	Fan, mechanical, improvement on patent of Nov. 27, 1830	June 13, do
Bill, Asa G., and Geo.	Chelmsford, Ma.	Hats, composition for stiffening	Nov. 3, do
Spalding	Newark, N. J.	Iron malleable, cast, manufacturing	Mar. 9, do
Barlow, Peleg	Do	Do do	April 6, do
Do do	Middletown, Ct.	Loom, for weaving webbing, tape, &c.	Mar. 28, do
Bull, Mord'a	Dutchess co., N. Y.	Rife for sharpening tools	Mar. 1, do
Brown, John	Amenia, N. Y.	Do do	June 13, do
Brown, John, and Jno.	Greenwich, N. Y.	Shovels, scoops, &c.	Sept 28, do
Standish	Stonington, Ct.	Spinning cotton and other fibrous material	June 13, do
Bull, Aaron	Cranston, R. I.	Throstle frame and bobbin regulator	Do do
Cook, Calvin W.	Caroline, N. Y.	Tow lines, rope, cordage, &c.	Dec. 29, do
Cornell, James	Lowell, Ma.	Cloths, dressing woollen	April 23, do
Carriell, Geo.	Randolph, Vt.	Hats, felted and napping	Feb. 11, do
Clarke, jr., Adam	Manchester, Ct.	Rags, machine for washing	July 27, do
-	Bern, N. Y.	Saw trimmer	Aug. 24, do

LIST OF PATENTEES—FACTORY MACHINERY—Continued.

NAMES OF PATENTEES.	RESIDENCE.	INVENTIONS OR DISCOVERIES.	WHEN ISSUED.
Dyre, T. G., and A. D. Richmond	New Bedford, Ma.	Candles, moulds for making	July 20, 1891.
Detterich, Geo. and Jona. Conger	Tompkins co., N. Y.	Weaving, figured cloth.	Mar. 12, do
Everts, E. C., and Wm. Lockwood	Colesville, N. Y.	Boring and drilling stone, &c..	July 20, do
Fowler, D ^o Grasso	Branford, Ct.	Buttons, dead eyed wood	June 13, do
Fitzgerald, Daniel	New York	Cocoanut cutter	Dec. 22, do
Farling, John R., and Rob. G. Nellia	Cansjoharie, N. Y.	Saw trimmer	April 27, do
Goodyear, Chas.	Philadelphia, Pa.	Buttons, manufacturing, called the safe eye button	Jan 12, do
Hyde, Stephen	Williamshurg, Ms.	Axes, oval	Mar. 2, do
Hayden, jr., Josiah	Do	Buttons, metallic flexible shank	Feb. 17, do
Hewitt, jr., Thomas	Philadelphia, Pa.	Candles, mould, manufacturing, called the candfedrawer and endless wick nipper	May 4, do
Do do	Do	Candles, mould, manufacturing, sliding mandril mould	June 13, do
Hurlbut, Stephen	Glastonbury, Ct.	Hat bodies	Feb. 14, do
Do do	Do	Hat manufacturing, by hardening on a cone	June 13, do
Horsman, Wm. H.	Philadelphia, Pa.	Nets for horses	July 28, do
Holt, Horace	Rutland township, O	Reeds or sleys for weaving	Oct. 17, do
Hardy, Alvah	Boston, Ms.	Shears for cutting paste board	Aug. 12, do
Hornback, Simon	Lafayette, Ind.	Sickles, files, &c., machine for cutting	Feb. 11, do
Kendall, jr., Jonas	Watertown, Ms.	Mould, metallic, for casting butt hinges	July 21, do
Korn, Henry	Philadelphia, Pa.	Nets for horses	Dec. 8, do
Kaowles, Hazard-	Colchester, Ct.	Screws, wood	April 1, do

Knight, John	Woodbury, N. J.	Seythe, Sneed's	April 7, do
Macomber, Laban L.	Gardiner, Me.	Caps, manufacturing, and rendering them water proof, &c., patent of January 19, 1831, cancelled	Oct. 11, do
Meriam, Reuben	Leicester, Ma.	Cards, filletting, or cut, prick, and set machine	May 2, do
Macomber, Laban L.	Gardiner, Me.	Hats, composition for stiffening	Jan. 19, do
Mallory, Asa, & Chas.	Concord, O.	Iron, cast, uniting with steel, &c.	Aug. 1, do
Miles	Georgetown, D. C.	Iron borings rendered available in furnaces	Nov. 8, do
Mason, Maynadier	Huntington co., Pa.	Knitting stockings	Mar. 5, do
McMullen and James	Philadelphia, Pa.	Nets for horses	July 20, do
Hollent	Madison, Ct.	Plane, carpenter's, &c.	Feb. 9, do
Mintzer, Peter	Windham, O.	Sawing machine, cross cut	Dec. 21, do
Meigs, Phinehas	Hardinsburg, Ind.	Screws, wood, for pressing hay, cider, and cotton	Mar. 12, do
Messenger, Jas. W.	Alexander, N. Y.	Shovel scoop	April 6, do
Morrison, Jno.	Washington, Me.	Plane, bevel wheel	Jan. 25, do
Mudge, Elisha, and	Avon, N. Y.	Plane, accelerating	Nov. 15, do
Rufus Tenney	Sidney Plains, N. Y.	Saws, gumming, &c.	April 29, do
Newhall, Jno.	Cincinnati, O.	Edging metal plates for roofing houses	Aug. 15, do
Newberry, Jno. W.	Troy, N. Y.	Paper cutting machine	July 20, do
Newton, Phinehas	Cambridge, Ms.	Glass knobs	Oct. 31, do
Piper, Daniel A.	Elbridge, N. Y.	Punching or cutting iron, &c.	Sept. 28, do
Pine, Edward	Taunton, Ma.	Spades and shovels	April 7, do
Richards, Spencer	Milburn, Ma.	Spinning cotton and wool	Nov. 14, do
Richards, Jedediah	York, Pa.	Auger, serpentine screw	Mar. 21, do
Richmond, Chas., and	New York	Dyeing cotton in the staple	Nov. 11, do
Sam'l Caswell, jr.	Philadelphia, Pa.	Glass frames for pictures, &c.	April 6, do
Rice, Levi	Lancaster, Ky.	Hats, manufacturing by steam	June 13, do
Shetter, Geo.	Boston, Ma.	Hooks and eyes, making	July 20, do
Stewart, James R.			
Scott, Jno			
Sutton, David			
Stewart, James			

LIST OF PATENTEES—FACTORY MACHINERY—Continued.

LIST OF PATENTEES.	RESIDENCE.	INVENTIONS OR DISCOVERIES.	WHEN ISSUED.
Stimpson, Sol'n	Newbury, Vt.	Paper making	Mar. 12, 1831.
Staniford, Jno.	Boston, Ma.	Phials, essence	Oct. 17, do
Strugert, Jno.	Pittsburg, Pa.	Punching machine for copper, &c.	July 20, do
Stone, jr., Wm.	Williamson co., Ten.	Ropes, manufacturing	Sept. 8, do
Spencer, Jos.	Canajoharie, N. Y.	Saws, gumming and trimming	Aug. 15, do
Taylor, Jesse, and Jos. Woodhead	Middletown, Pa.	Loom, power, &c.	April 21, do
Taft, Fred. A.	Dedham, Ms.	Paste board manufacturing	July 20, do
Townsend, Edw'd S., and Philo Durfee	Palmyra, N. Y.	Ropes, manufacturing	Jan. 6, do
Treadwell, Daniel	Boston, Ms.	Spinning hemp and flax	Oct. 11, do
Woolley, John	New York	Edging machine for tin, copper, sheet iron, &c.	Mar. 16, do
Woodworth, Wm.	Do	Fur, machine for cleaning	April 19, do
Wolfe, Andrew	Pittsburg, Pa.	Locks for doors	April 18, do
Whitman, Asa, and Joel Baker	Walpole, Ms.	Roping manufacturing, compound revolver	July 20, do
Wood, James	Philadelphia, Pa.	Rollers, cast iron, for laminating metals	Do do
Whitaker, Welcome	Troy, N. Y.	Skates	Dec. 30, do
Wooster, David S.	Sheldon, N. Y.	Spinning wool	Feb. 14, do
White, Elihu, assignee of Geo. W. Grater	New York	Stereotype extendible blocks	Jan. 7, do
White, Elihu, assignee of M. D. Mann and Stephen Sturdevant	Do	Type caster, vertical	do do
White, Elihu, assignee of S. Sturdevant	Do	Type rubber, or machine for smoothing the bodies of types	do do

LIST OF PATENTS—COMMON TRADES.

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INVENTIONS OR DISCOVERIES.	NAMES OF PATENTEES.	RESIDENCE.	WHEN ISSUED.
Barrels, &c. manufacturing	John Cole and Sam'l Miller	Washington co, O.	Sept. 28, 1831.
Bed, manufacturing spring	Josiah French	Ware, Mass.	Aug. 25, do
Do elastic spring, with an elevating and depressing surface	Alonzo G. Hull	New York	Oct. 1, do
Bedstead	Rufus Belt	Centerville, Ky.	Feb. 22, do
Do	William Gambel	Baltimore, Md.	Aug. 25, do
Do or chair hospital	Williams Woolley	New York	Sept. 28, do
Do secret, for sofas and settees	Do	Do	Oct. 3, do
Do paturient invalid	Joshua N. Robbins	Troy, Mo.	Oct. 20, do
Do Metamorphosic alleviator	Jona. Lowe	Whitesborough, N. Y.	Nov. 21, do
Bellows for blowing by steam	Joel Eastman	Bath, N. H.	April 8, do
Do	Luna Bishop	Readsborough	Dec. 22, do
Boots and shoes, manufacturing, with nails and pegs	Nicholson Millis	New York	Mar. 21, do
Do	Caleb A. Ore	Philadelphia, Pa.	May 5, do
Do soling and heelings, with wooden or metal pegs	Wales Tileston	Charlemonit, Mass.	Aug. 18, do
Brick moulding	David Fox	Ashtabula, O.	Aug. 15, do
Churn, and working it	Talmage Ross	Pickaway, O.	Jan. 26, do
Do pendulum	Caleb Angevine	New York	Feb. 28, do
Do for churning cream by atmospheric air	Elias V. Coe	Warwick, N. Y.	April 7, do
Do	David Smith	Emmetsburg, Md.	April 21, do
Do	Jos. Crail	Warren, O.	May 15, do
Do	Cyrus Baker	Charlton, N. Y.	June 12, do
Do lever	Philip H. Kemball	Salem, Mass.	June 13, do
Do	Sam'l Sweet, jr.	Readfield, Mass.	June 13, do

LIST OF PATENTS—COMMON TRADES—Continued.

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INVENTIONS OR DISCOVERIES.		NAMES OF PATENTERS.		RESIDENCE.		WHEN ISSUED.
Churn	-	-	-	Liberty town'p, O.	-	July 30, 1831
Do	-	-	-	Massillon, O.	-	Aug. 31, do
Do	-	-	-	Knox, N. Y.	-	Sept. 28, do
Do	-	-	-	Poultney, Vt.	-	Oct. 6, do
Clapboards, making, from round logs	-	-	-	Worcester, Mass.	-	Aug. 26, do
Clay, machine for mixing	-	-	-	Scriba, N. Y.	-	April 11, do
Crackers, biscuit, &c., cutting	-	-	-	Baltimore, Md.	-	June 13, do
Do	do	do	do	Do	-	Aug. 9, do
Do	do	do	do	Wilmington, Del.	-	June 13, do
Cradle, swinging, applying pendulum power of a clock	-	-	-	West Chester, O.	-	June 13, do
Cushions for billiard tables	-	-	-	New York	-	July 20, do
Door knockers, cast iron, with brass plates	-	-	-	New London, Ct.	-	Mar. 11, do
Dye wood, machine for cutting	-	-	-	Augusta, N. Y.	-	July 22, do
Fastenings, mortise door	-	-	-	Boston, Mass.	-	Feb. 25, do
Do spring door catch	-	-	-	Bucksport, Me.	-	Sept. 28, do
Furniture, house, ship, and camp	-	-	-	Cincinnati, O.	-	Sept. 12, do
Garments, instrument for marking out and cutting, called "The American System"	-	-	-	Waterford, N. Y.	-	Sept. 3, do
Garments, measuring for and cutting	-	-	-	Zanesville, O.	-	Oct. 22, do
Hair, machine for shaving, from deer skin	-	-	-	New Orleans	-	Oct. 10, do
Hoops, machine for shaving	-	-	-	Harrisonburg, Pa.	-	July 27, do
Horse shoes	-	-	-	Adams, Mass.	-	April 8, do
Johnson Mewhinney	-	-	-			
Zuri S. Doty	-	-	-			
James Van Ankin, 2d	-	-	-			
Amon Bailey	-	-	-			
Herald Whittemore	-	-	-			
Aaron Parkhurst	-	-	-			
Jos. Clark and Henry Henderson	-	-	-			
John S. Stiles	-	-	-			
J. P. Fairlamb and Miller Dunot	-	-	-			
John McKinney	-	-	-			
Abm. Bassford	-	-	-			
Increase Wilson	-	-	-			
Merrit Hurd	-	-	-			
Leonard Foster	-	-	-			
Jas. Buck	-	-	-			
Edw. Clibborn	-	-	-			
John Pudney	-	-	-			
James Henderson and Cooper K. Watson	-	-	-			
Rodolph Groning	-	-	-			
Gab. Heatwoal	-	-	-			
David Anthony, jr.	-	-	-			

Do	-	-	-	John Deitz	-	New York	-	April 22,
Do	-	-	-	Lewis T. C. Smith	-	Scott co., Ky.	-	Dec. 15,
Knife for cutting tobacco	-	-	-	James J. Mapes	-	New York	-	Jan. 22,
Laths, sawing with circular saw	-	-	-	Channing Madison	-	Miamisburg, O.	-	April 4,
Do cutting from boards	-	-	-	Jacob Jameson	-	Springfield, O.	-	Aug. 24,
Leather and skins, splitting, shaving, and cutting	-	-	-	Aug. S. Dawley	-	Boston, Mass.	-	Mar. 22,
Do machine for splitting	-	-	-	Alpha Richardson	-	Do	-	April 23,
Do do cutting at one operation	-	-	-	Geo. Domett	-	Do	-	July 20,
Do do punching, &c., for straps, girths, &c.	-	-	-	Ira Genung	-	Newark, N. J.	-	July 30,
Leather, scouring, cleansing, striking out, smoothing, &c.	-	-	-	Robert Emes	-	Boston, Mass.	-	Nov. 21,
Matresses, sofas, &c.	-	-	-	Rowland Cromelton	-	New York	-	Nov. 7,
Meat, chopping, pulverizing spice, &c.	-	-	-	Benton P. Coston	-	Philadelphia, Pa.	-	June 13,
Morocco, and other leather, polishing and graining	-	-	-	Robert Emes	-	Boston, Mass.	-	April 20,
Do polishing, graining, and dicing	-	-	-	Do	-	Do	-	Nov. 21,
Mortar, preparing, for brick	-	-	-	Oran W. Seely	-	Williamson, N. Y.	-	July 20,
Do machine for mixing	-	-	-	Andw. Kirkpatrick	-	Urbana, O.	-	Nov. 12,
Mortising machine	-	-	-	Henry Marsh	-	Morristown, N. J.	-	June 13,
Ornaments, making, from Anthracite or other coal	-	-	-	Josiah W. Kirk	-	Schuykill co., Pa.	-	June 13,
Painting cloth, machine for	-	-	-	Otis Ferrin	-	Lansingburg, N. Y.	-	Nov. 28,
Pegs, machine for pointing	-	-	-	Wm. A. Greenwood	-	Palmer, N. Y.	-	Feb. 19,
Planing, edging, and grooving boards	-	-	-	Jacob Tees	-	Kensington, Pa.	-	June 13,
Do boards	-	-	-	Jos. Percival	-	Philadelphia, Pa.	-	July 20,
Do do	-	-	-	Eben. Lane	-	Cincinnati, O.	-	Oct. 26,
Planks, piles, &c., sticking mouldings on them	-	-	-	John Judge	-	Washington, D. C.	-	June 13,
Quilting frame	-	-	-	Brook W. Sower	-	Leesburg, Va.	-	Dec. 23,
Saddles, manufacturing	-	-	-	Levi Sherman	-	Bridgeport, Ct.	-	Jan. 18,
Sausage meat, machine for cutting and stuffing	-	-	-	Sam'l Fahney	-	Boonsboro', Md.	-	Feb. 1,
Saving boards, machine called "The Economical Sawyer"	-	-	-	Reuel Jacobs	-	Wilton, N. Y.	-	Feb. 22,
Do furrow boards	-	-	-	Nathan H. Dearborn	-	Conway, N. H.	-	Dec. 28,
Shingles, &c., machine for sawing	-	-	-	Jonathan Hobbs, jr.	-	Falmouth, Mass.	-	Aug. 18,

LIST OF PATENTS—COMMON TRADES—Continued.

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INVENTIONS OR DISCOVERIES.	NAMES OF PATENTEES.	RESIDENCE.	WHEN ISSUED.
Shingles, manufacturing	Wm. Thomas	Farmington, Mich. T ^y	Aug. 25, 1831.
Do do by a circular rotary shave and carriages	Cheney Reed	Worcester, Mass.	Sept. 28, do
Staves, machine for dressing	John G. Conser	Rebersburg, Pa.	Jan. 31, do
Do do jointing, two jointers operating simultaneously	George Eby	Clarence, N. Y.	April 14, do
Staves, machine for dressing, heading, and jointing	John G. Tackless	Pomfret, N. Y.	July 20, do
Do do jointing	Isaac Fobes	Bridgewater, Mass.	Aug. 3, do
Stone, machine for breaking, for turnpikes	Benj. F. Lodge and Ezekiel T. Cox	Zanesville, O.	April 13, do
Do process of drilling, particularly for railways	Jona. Crane	Schenectady, N. Y.	June 13, do
Do machine for cutting and chiselling	Larmon Z. Parke and Iram Brewster	Schoharie, N. Y.	Oct. 10, do
Do do drilling or boring	William Holdredge	Albany, N. Y.	Nov. 10, do
Stock for the neck	William Carlock	Baltimore, Md.	Aug. 9, do
Tenons, cutting, by revolving cylinders	Josiah Fay	Hollis, N. H.	Aug. 29, do
Tin plate, coating, with lead	Jos. M. Truman	Philadelphia, Pa.	Sept. 29, do
Tire hoops and bands, machine for bending	Daniel Shepardon	Hamilton N. Y.	Feb. 7, do
Ware, wooden, manufacturing, without staves	John Patridge	Zanesville, O.	April 16, do
Do hollow, manufacturing, from zinc or spelter	Samuel Davis	New York	April 18, do
Do manufacturing from tinned plates, sheet iron, &c.	Edw'd M. Converse	Southampton, Ct.	July 20, do
Washing machine	Benj. Hinkley	Fayette, Me.	Jan. 31, do
Do do	M. D. Mulford	Bloomfield, N. Y.	April 5, do
Do and churning machine	John White	South Union, Ky.	April 11, do
Do machine	John Hale	Hollis, N. H.	April 20, do

Do	do	-	-	John G. Conser	-	Miles township, Pa.	April 21,
Do	do	-	-	Sam'l Jinkham	-	Enfield, Mass.	June 13,
Do	pressing, ironing, crimping, and drying clothes	-	-	John Newhall	-	Dayton, O.	June 13,
Do	machine, swinging	-	-	James Appleton	-	Richmond, Va.	June 13,
Do	do	-	-	Nathan Hocket	-	Snow Hill, O.	Aug. 6,
Do	do	-	-	Webber Furbish	-	Hallowell, Me.	Aug. 19,
Do	do	-	-	John Shull	-	New Petersburg, O.	Aug. 19,
Do	do	-	-	Jesse Barber	-	Sweden, N. Y.	Aug. 30,
Do	do	-	-	Wilson Gregory	-	Richmond, Va.	Sept. 9,
Do	do	-	-	James Luekey	-	Troy, N. Y.	Nov. 19,
Do	do	-	-	Miles B. Hand	-	Lockport, N. Y.	Dec. 14,
Do	do	-	-	David Watson	-	Fayette, Me.	Dec. 23,
Do	do	-	-	William H. Mackrell	-	Bushwick, N. Y.	June 13,
Do	Window blinds, securing	-	-	Nathan Palmer	-	New York	June 13,
Do	do called "The Retaining Blind"	-	-	James R. Post	-	Do	July 21,
Do	and door fastenings	-	-		-		

LIST OF PATENTEES—COMMON TRADES.

NAMES OF PATENTEES.	RESIDENCE.	INVENTIONS OR DISCOVERIES.	WHEN ISSUED.
Angevine, Caleb	New York	Churn, pendulum	Feb. 28, 1831.
Anthony, jr., David	Adams, Ms.	Horse shoes	April 8, do
Appleton, James	Richmond, Va.	Washing machine	-
Belt, Rufus	Centreville, Ky.	Bedstead	-
Bishop, Luna	Readsborough, Va.	Bel lows	Feb. 22, do
Baker, Cyrus	Charlton, N. Y.	Churn	Dec. 22, do
Bailey, Amon	Poultney, Vt.	Do	June 13, do
			Oct. 6, do

LIST OF PATENTEES—COMMON TRADES—Continued.

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NAMES OF PATENTEES.	RESIDENCE.	INVENTIONS OR DISCOVERIES.	WHEN ISSUED.
Bassford, Ab'm	New York	Cushions for billiard tables	July 20, 1831.
Buck, James	Bucksport, Me.	Fastenings, spring door catch	Sept. 28, do
Barber, Jesse	Sweden, N. Y.	Washing machine	Aug. 30, do
Cole, John, and Sam'l Miller	Washington co., O.	Barrels, &c., manufacturing	Sept. 29, do
Coe, Elias V.	Warwick, N. Y.	Churning cream by atmospheric air	April 7, do
Crail, Joseph	Warren, O.	Churn	May 5, do
Clark, Jos., and H. Henderson	Baltimore, Md.	Crackers, biscuit, &c., machine for cutting	June 13, do
Clibborn, Edward	Cincinnati, O.	Furniture, house, ship, and camp	Sept. 12, do
Gromelin, Rowland	New York	Matresses, sofas, &c.	Nov. 7, do
Coston, Benton P.	Philadelphia, Pa.	Meat chopping, &c.	June 13, do
Conser, Jno. G.	Rebersburg, Pa.	Staves, machine for dressing	Jan. 31, do
Crane, Jona.	Schenectady, N. Y.	Stone drilling, &c.	June 13, do
Carlock, Wm.	Baltimore, Md.	Stock for the neck	Aug. 9, do
Converse, Edw'd M.	Southington, Ct.	Ware manufacturing from tinned plate, &c.	July 20, do
Conser, Jno. G.	Miles township, Pa.	Washing machine	April 21, do
Doty, Zuri S.	Massillon, O.	Churn	Aug. 31, do
Deitz, Jno.	New York	Horse shoes	April 22, do
Dawley, Aug's S.	Boston, Ma.	Leather, &c., shaving and cutting	Mar. 22, do
Domett, Geo.	Boston, Ma.	Leather, &c., cutting, at one operation	July 20, do
Dearborn, Nathan H.	Conway, N. H.	Sawing furrow boards	Dec. 28, do
Davis, Samuel	New York	Ware, hollow, manufacturing of zinc	April 18, do
Eastman, Joel	Bath, N. H.	Bel lows for blowing by steam	April 8, do
Emes, Rob't	Boston, Ma.	Leather, scouring, &c.	Nov. 21, do

Do	Do	Morocco, &c., polishing, graining, &c.	April 20,
Do	Do	do do and dicing	Nov. 21,
Eby, Geo.	Glarence, N. Y.	Staves, jointing, &c.	April 14,
French, Josiah	Ware, Ms.	Beds, manufacturing spring	Aug. 25,
Fox, David	Ashtabula, O.	Brick moulding	Aug. 15,
Fairbank, Jonas P., & Miller, Dunot	Wilmington, Del.	Crackers, &c., machine for cutting	June 13,
Foster, Leonard	Boston, Ms.	Fastening mortise door	Feb. 25,
Ferrin, Otis	Lansingburgh, N. Y.	Painting cloth	Nov. 28,
Fahney, Sam'l	Boonsboro', Md.	Sausage meat, machine for cutting and stuffing	Feb. 1,
Fobes, Isaac	Bridgewater, Ms.	Staves, jointing	Aug. 3,
Fay, Josiah	Hollis, N. H.	Tenons, cutting	29,
Furbish, Webber	Hallowell, Me.	Washing machine	19,
Gambel, William	Baltimore, Md.	Bedstead	Aug. 25,
Groning, Rodolph	New Orleans	Hair, shaving, from deer skin	Oct. 10,
Gnung, Ira	Newark, N. J.	Leather punching for straps, &c.	July 30,
Greenwood, Wm. A.	Palmer, N. Y.	Pegs, machine for pointing	Feb. 19,
Gregory, Wilson	Richmond, Va.	Washing machine	Sept. 9,
Hull, Alonzo G.	New York	Bed, elastic spring, with an elevating and depressing surface	Oct. 1,
Hurd, Merrit	Augusta, N. Y.	Dye-wood, machine for cutting	July 22,
Henderson, Jas., and Cooper K. Watson	Zanesville, O.	Garments, machine for cutting, &c.	Oct. 22,
Heatwoal, Gab.	Harrisonburg, Va.	Hoops, machine for shaving	July 27,
Hobbs, jr., Jona.	Falmouth, Ms.	Shingles, machine for sawing	Aug. 18,
Holdredge, Wm.	Albany, N. Y.	Stone drilling and boring	Nov. 10,
Hinkley, Benj.	Fayette, Me.	Washing machine	Jan. 31,
Hale, Jno.	Hollis, N. H.	Do	April 20,
Hockett, Nathan	Snow Hill, O.	Do with or without steam	Aug. 6,
Hand, Miles B.	Lockport, N. Y.	Do	Dec. 14,
Jameson, Jacob	Springfield, O.	Laths cutting from boards	Aug. 24,

LIST OF PATENTEES—COMMON TRADES—Continued.

NAMES OF PATENTEES.	RESIDENCE.	INVENTIONS OR DISCOVERIES.	WHEN ISSUED.
Judge, Jno. -	Washington, D. C. -	Planks, piles, &c., sticking mouldings on them	June 13, 1831.
Jacobs, Renel -	Wilton, N. Y. -	Sawing boards, "Economical Sawyer,"	Feb. 22, do
Jinkham, Samuel -	Enfield, Ma. -	Washing machine -	June 13, do
Kimball, Philip H. -	Salem, Ma. -	Churn, Lever -	June 13, do
Kirkpatrick, Andrew -	Urbana, O. -	Mortar, machine for mixing -	Nov. 12, do
Kirk, Josiah W. -	Schuykill co., Pa. -	Ornaments making from coal -	June 13, do
Lowe, Jona. -	Whitesborough, N. Y. -	Bedstead, metamorphic alleviator -	Nov. 21, do
Lane, Ebenezer -	Cincinnati, O. -	Planing boards -	Oct. 26, do
Lodge, B. F., and E. T. Cox -	Zanesville, O. -	Stone, machine for breaking -	April 13, do
Lucky, James -	Troy, N. Y. -	Washing and wringing clothes, and heating water	Nov. 19, do
Millis, Nicholas -	New York -	Boots and shoes manufacturing with nails or pegs	Mar. 21, do
Mewhinney, Johnson -	Liberty township, O. -	Churn -	July 30, do
McKinney, Jno. -	West Chester, O. -	Cradle, swinging by the pendulum power of a clock	June 13, do
Mapes, Jas. J. -	New York -	Knife, tobacco -	Jan. 22, do
Madison, Channing -	Miamisburg -	Laths, circular saw for sawing -	April 4, do
Marsh, Henry -	Morristown, N. J. -	Mortising machine -	June 13, do
Mulford, M. D. -	Bloomfield, N. Y. -	Washing machine -	April 5, do
Mackrell, Wm. H. -	Bushwick, N. Y. -	Window blinds, securing -	June 13, do
Newhall, Jno. -	Dayton, O. -	Washing, pressing, ironing, crimping, &c. -	June 13, do
Ore, Caleb A. -	Philadelphia, Pa. -	Boots and shoes, manufacturing -	May 5, do
Parkhurst, Aaron -	Scriba, N. Y. -	Clay, machine for mixing -	April 11, do
Pudney, Jno. -	Waterford, N. Y. -	Garments, machine for cutting, called the "American System" -	Sept. 3, do
Percival, Jos. -	Philadelphia, Pa. -	Planing boards, &c. -	July 20, do

Parke, Larmon, and	Schoharie, N. Y.	Stone, cutting, &c.	Oct.	do
Iram Brewster	Zanesville, O.	Wooden ware without staves	April 16,	do
Partridge, Jno.	New York	Window blinds	June 13,	do
Palmer, Nathan	Do	Do and door fastenings	July 21,	do
Post, James R.	Troy, Missouri	Bedstead, parturient invalid	Oct. 20,	do
Robbins, Joshua N.	Pickaway, O.	Churn, and working it	Jan. 26,	do
Ross, Talmage	Boston, Ms.	Leather, machine for splitting	April 23,	do
Richardson, Alpha	Worcester, Ma.	Shingles, rotary shave, &c. for sawing	Sept. 28,	do
Reed, Cheney	Readfield, Me.	Churn	June 13,	do
Swett, Jr., Sam'l	Emmettsburg, Md.	Churn	April 21,	do
Smith, David	Baltimore, Md.	Crackers, biscuit, &c., machine for cutting	Aug. 9,	do
Stiles, Jno. S.	Scott county, Ky.	Horse shoes	Dec. 15,	do
Smith, Lewis T. C.	Williamson, N. Y.	Mortar preparing for brick	July 20,	do
Seely, Oran W.	Leesburg, Va.	Quilting frame	Dec. 23,	do
Sower, Brook W.	Bridgeport, Ct.	Saddles, manufacturing	Jan. 18,	do
Sherman, Levi	Hamilton, N. Y.	Tire, hoops, &c., bending	Feb. 7,	do
Shepardson, Daniel	New Petersburg, O.	Washing machine	Aug. 19,	do
Shull, Jno.	Charlemont, Ma.	Boots and shoes, soling and healing with pegs	Aug. 18,	do
Tileston, Wales	Kensington, Pa.	Planing, edging, and grooving boards	June 13,	do
Teas, Jacob	Farmington, Mich.	Shingles, manufacturing	Aug. 25,	do
Thomas, William	Pomfret, N. Y.	Slaves, dressing, &c.	July 20,	do
Tackels, Jno B.	Philadelphia, Pa.	Tin plate, coating with lead	Sept. 29,	do
Truman, Jos. M.	Knox, N. Y.	Churn	Sept. 28,	do
Van Anken, 2d, James	New York	Bedstead or hospital chair	Sept. 28,	do
Woolley, Williams	Do	Do secret, for sofas and settees	Oct. 3,	do
Do	Worcester, Ma.	Clapboards, making from round logs	Aug. 26,	do
Whittemore, Herald	New London, Ct.	Door knockers, cast iron, with brass plates	Mar. 11,	do
Wilson, Increase	South Union, Ky.	Washing and churning machine	April 11,	do
White, Jno.	Fayette, Me.	Washing machine	Dec. 23,	do
Watson, David				

LIST OF PATENTS—LAND WORKS

INVENTIONS OR DISCOVERIES.	NAMES OF PATENTEES.	RESIDENCE.	WHEN ISSUED.
Ascending and descending inclined planes, rivers and canals, with steam engines or other locomotive power on board, or within the vessels or vehicles, to be moved, &c.	James Stimpson	Baltimore, Md.	Aug. 23, 1831.
Car, self-guiding and accommodating locomotive	Levin Clark	Do	Sept. 28, do
Do railroad, running on a single rail	Chas. F. Zimpel	New Orleans	Oct. 13, do
Do do self-directing	Lewis Wernwag	Harper's Ferry, Va.	Nov. 16, do
Carriage, locomotive, and rails adapted thereto	Emmor Kimber	Kimberton, Pa.	Mar. 5, do
Do and wagons for railroads, by which the flanges of the wheels are prevented from impinging on the rails	William Howard	Baltimore, Md.	April 23, do
Do railway	William Bryant and Isaac Hiatt	Do	June 13, do
Cart, self balanced hand	Geo. Coolidge	Davidson co., Tenn.	June 13, do
Earth, stones, &c., machine for removing	Shadrack Davis, jr.	Watertown, Mass.	June 13, do
Excavating canals, ditches, &c.	William Graham	N'th Darmouth, Mass.	Feb. 22, do
Excavator and self loading cart	Manoah Alden and Wm. T. Boyd	New Orleans	Sept. 5, do
Do inclined plane	Dudley Marvin	Northumberland, Pa.	July 20, do
Pavement, cemented, for paving streets	John L. Sullivan	Canandaigua, N. Y.	Sept. 2, do
Do do	Do	New York	Oct. 20, do
Propelling railroad carriages	Abm. Pawling	Do	Nov. 9, do
Rails or plates, used for railroad carriage wheels	James Stimpson	Philadelphia, Pa.	Mar. 9, do
Railway and car, safety	Alex. McGrew	Baltimore, Md.	Aug. 23, do
Scraper, excavating	Dudley Marvin	Cincinnati, O.	June 13, do
		Canandaigua, N. Y.	Sept. 2, do

Stump machine -	-	-	-	Abijah Gorham	-	Turner, Me.	Jan'y 7, do
Do -	-	-	-	Willard Foster	-	Owego, N. Y.	April 22, do
Switches, opening and shutting, upon railroads -	-	-	-	James Stimpson	-	Baltimore, Md.	Aug. 23, do
Turning about, a machine used upon railroads and elsewhere	-	-	-	Do	-	Do	Aug. 23, do
Turning short, curves upon railroads -	-	-	-	Do	-	Do	Aug. 23, do
Wheels for railroad carriages -	-	-	-	Do	-	Do	Aug. 23, do
Do do cars, to prevent friction -	-	-	-	Sam'l Krauser	-	Reading, Pa.	Nov. 2, do

LIST OF PATENTEES—LAND WORKS.

NAMES OF PATENTEES.	RESIDENCE.	INVENTIONS OR DISCOVERIES.	WHEN ISSUED.
Alden, M., and Wm.			
T. Boyd -	Northumberland, Pa.	Excavator and self loading cart	July 20, 1831.
Bryant, Wm., and Isaac			
Hiett -	Davidson co., Tenn.	Carriage, railway	June 13, do
Clark, Levin -	Baltimore, Md.	Car, self guiding, and locomotive carriage	Sept. 28, do
Goolidge, Geo.	Watertown, Mass.	Cart, self balanced hand	June 13, do
Davis, Jr., Shad'k	N. Dartmouth, Mass.	Earth, stones, &c., machine for removing	Feb. 22, do
Foster. Willard	Owego, N. Y.	Stump machine	April 22, do
Graham, Wm.	New Orleans	Excavating canals, ditches, &c.	Sept. 5, do
Gorham, Abijah	Turner, Me.	Stump machine	Jan'y 7, do
Howard, William	Baltimore, Md.	Carriage for railroads, by which the flanges of the wheels are prevented from impinging on the rails	April 23, do
Krauser, Samuel	Reading, Pa.	Wheels for railroad cars, to prevent friction	Nov. 2, do
Kimber, Emmor	Kimberton, Pa.	Carriage, locomotive, and rails adapted thereto	Mar. 5, do
Marvin, Dudley	Canandaigua, N. Y.	Excavator, inclined plane	Sept. 2, do

LIST OF PATENTEES—LAND WORKS—Continued.

NAMES OF PATENTEES.	RESIDENCE.	INVENTIONS OR DISCOVERIES.	WHEN ISSUED.
Marvin, Dudley	Canandaigua, N. Y.	Scraper, excavating	Sept. 2, 1831.
McGrew, Alex'r	Cincinnati, O.	Railway and car, safety	June 13, do
Abm. Pawling	Philadelphia, Pa.	Propelling railroad carriages	Mar. 9, do
Stimpson, James	Baltimore, Md.	Ascending and descending inclined planes, rivers, &c.	Aug. 23, do
Sullivan, John L.	New York	Pavement, cemented	Oct. 20, do
Do	Do	Do	Nov. 9, do
Stimpson, James	Baltimore, Md.	Rails or plates for railroad carriage wheels	Aug. 23, do
Do	Do	Switches, opening and shutting upon railroads	Aug. 23, do
Do	Do	Turnabouts, used upon railroads and elsewhere	Aug. 23, do
Do	Do	Turning short curves upon railroads	Aug. 23, do
Do	Do	Wheels for railroad carriages	Aug. 23, do
Wernwag, Lewis	Harper's Ferry, Va.	Car, railroad, self directing	Nov. 16, do
Zimpel, Chas. F.	New Orleans	Do do running on a single rail	Oct. 15, do

LIST OF PATENTS—NAVIGATION.

INVENTIONS OR DISCOVERIES.	NAMES OF PATENTEES.	RESIDENCE.	WHEN ISSUED.
Boats for transportation of passengers, &c.	N. Cushman and Isaac Loomis	White Hall, N. Y.	Jan. 8, 1831.
Canal navigation by boats	Samuel D. Ingham	New Hope, Pa.	April 18, do
Caulking ships and other vessels	Nicholas W. Chavalier	Baltimore, Md.	Dec. 27, do

Dock hydrostatic suspension	-	-	Thos. Evans & John Parsons	New York	May 13, do
Moulds for shaping timbers of boats	-	-	Jas. Wallace	Rochester, N. Y.	Aug. 9, do
Navigation and application of steam, men, or other agents	-	-	Wm. W. Van Loan	New York	Jan. 15, do
Paddle wheel for steamboats, &c.	-	-	Timothy Hunt	Boston, Ms.	Feb. 17, do
Paddle wheel, and manner of connecting two vessels to be propelled by said wheels and means of steam	-	-	Benjamin Phillips	Philadelphia, Pa.	June 13, do
Propelling vessels by a screw or spiral lever	-	-	Jno. J. Giraud	Baltimore, Md.	April 29, do
Do boats and craft by the agency of the power of man	-	-	Alexander Renoir	New Orleans	July 30, do
Railway, marine	-	-	Jno. G. Colley	Norfolk, Va.	Sept. 1, do
Raising, vessels out of the water	-	-	Joshua Cheves	Elmyra, N. Y.	Mar. 5, do
Raising vessels, &c., weighing anchors, discharging cargoes, removing buildings, &c. by means of the elevating power engine and compressing machine	-	-	Benjamin Bruff	Rochester, N. Y.	Sept. 13, do
Sheaves of blocks	-	-	Caleb Curtis and Th. C. Smith	Boston, Ms.	April 20, do
Ships, mode of constructing	-	-	Jos. R. Deming	New York	15, do
Steamboat for the passage of rapids	-	-	Thos. Blanchard	Springfield, Mass.	Mar. 25, do
Timber, hewing, dubbing, and dressing for ships	-	-	Jno. Judge	Washington, D. C.	April 27, do
Vessels, moving, on rollers	-	-	Richard P. Joralemon and Isaac Lockman	Northfield, N. Y.	16, do
Water wheel for propelling boats, improvement on Andrim and Bolton's	-	-	Phineas Palmer, jr.	Jamestown, N. Y.	14, do
Water wheel for propelling boats	-	-	Asa Waters	Millbury, Ms.	30, do

LIST OF PATENTEES - NAVIGATION.

NAMES OF PATENTEES.	RESIDENCE.	INVENTIONS OR DISCOVERIES.	WHEN ISSUED.
Bruff, Benjamin	Rochester, N. Y.	Raising vessels, weighing anchors, discharging cargoes, removing buildings, &c. by the elevating power engine, &c.	Sept. 13, 1831.
Blanchard, Thos.	Springfield, Ms.	Steamboat for the passage of rapids	Mar. 25, do
Chavalier, Nich's W.	Baltimore, Md.	Caulking ships and other vessels	Dec. 27, do
Colley, Jno. G.	Norfolk, Va.	Railway marine	Sept. 1, do
Cleaves, Joshua	Elmyra, N. Y.	Raising vessels out of the water	Mar. 5, do
Curtis, Caleb, & Thos. C. Smith	Boston, Ms.	Sheaves of blocks	April 20, do
Cushman, N., & Isaac Loomis	White Hall, N. Y.	Boats, transporting passengers, &c.	Jan. 8, do
Deming, Jos. R.	New York	Ships, mode of constructing	April 15, do
Evans, Thos., & Jno. Parsons	New York	Dock, hydrostatic suspension	May 13, do
Giraud, Jno. J.	Baltimore, Md.	Propelling vessels by screw or spiral lever	April 29, do
Hunt, Timothy	Boston, Ms.	Paddle wheel for steamboats, &c.	Feb. 17, do
Ingham, Sam'l D.	New Hope, Pa.	Canal navigation by boats	April 19, do
Judge, Jno.	Washington, D. C.	Timber, hewing, dubbing, and dressing for ships	27, do
Joralemon, Rd. P., & Isaac Lockman	Northfield, N. Y.	Vessels, moving, on rollers	16, do
Phillips, Benjamin	Philadelphia, Pa.	Paddle wheel, and manner of connecting two vessels to be propelled by said wheels and steam	June 13, do
Palmiter, jr., Phineas	Jamestown, N. Y.	Water wheel for propelling boats, &c.	April 14, do
Renoir, Alex.	New Orleans	Propelling boats, &c. by the power of man	July 20, do
Van Loan, Wm. W.	New York	Navigation and application of steam, men, &c.	Jan. 15, do
Wallace, Jas.	Rochester, N. Y.	Moulds for shaping timbers of boats	Aug. 9, do
Waters, Asa	Millbury, Ms.	Water wheel for propelling boats, &c.	April 30, do

LIST OF PATENTS—CALORIFIC AND STEAM APPARATUS.

INVENTIONS OR DISCOVERIES.	NAMES OF PATENTEES.	RESIDENCE.	WHEN ISSUED.
Baker, tin	Gordin Williston	New London, Ct.	Jan. 11, 1891
Do and roaster, economical	Philip Willcox	Springfield, Mass.	Sept. 25, do
Bath, steam, applying simple or medicated	Boyd Reiley	Cincinnati, O.	Feb. 5, do
Beer, composition for making	Stephen Hinds	Montruse, Pa.	May 11, do
Boiler, compound furnace steam	Levi Disbrow	New York	Feb. 18, do
Do and furnaces for steam engines	Saml. Forbes	Do	Mar. 17, do
Do of steam engine, and apparatus connected therewith	Philo C. Curtis	Utica, N. Y.	May 3, do
Do safety steam	Jno. C. Douglas	New York	July 20, do
Do steam	Peter Cooper	Do	Oct. 13, do
Do do and regulating the height of water therein	Dummer H. Hooper	New Albany, Ind.	Oct. 31, do
Do do engine	Isaiah Jennings	New York	Dec. 21, do
Do for generating steam	Philo M. Hackley	Herkimer, N. Y.	Dec. 27, do
Boiling liquids of all kinds	Richd. M. Beach	Franklin, N. Y.	April 7, do
Blowing wind for forges, &c.	Daniel Strobel, jr.	Washington, D. C.	May 9, do
Chandelier, or hanging lamp	Wm. Lawrence	Meriden, Ct.	Mar. 23, do
Chimneys, prevent smoking, called the "smoke preventer"	Levi Silliman	Albany, N. Y.	July 20, do
Do cleaning	Thos. Hinkley	Hallowell, Me.	Oct. 7, do
Do constructing	Henry Antes	Harrisburg, Pa.	Oct. 24, do
Do regulating the draft, chimney valve	Jno. Baker	Lancaster, Pa.	Oct. 28, do
Coal, anthracite, high steam, and hydrogen gas, applied to produce combustion in the use of it	Paul Chase	New York	Oct. 7, do
Coke, manufacturing from anthracite or other coal for smelting ores and the preparation of steel	Moses Isaacs	Philadelphia, Pa.	April 7, do
Distilling	Jno. Cairon	New York	Jan. 10, do
Do apparatus	Chas. Otis	Tunkhannock, Pa.	Feb. 16, do

LIST OF PATENTS—CALORIFIC AND STEAM APPARATUS—Continued.

INVENTIONS OR DISCOVERIES.	NAMES OF PATENTEES.	RESIDENCE.	WHEN ISSUED.
Distilling	Jas. L. Jencks	Sackett's Harbor, N. Y.	May 2, 1831.
Do or preparing alcohol or spirits from grain, &c. and employing the residuum advantageously	Issiah Jennings	New York	June 13, do
Do and evaporation	Alexr. Matthews	Island Creek, Tp. O.	June 13, do
Do patent of Jan. 10, 1831, cancelled on account of a defective specification	Jno. Cairon	Boston, Ma.	Aug. 22, do
Explosion, &c. of boilers, preventing	Lemuel W. Wright	London, England	Sept. 28, do
Do do do and burning	Wm. A. Turner	Washington co. N. C.	Mar. 15, do
Fire, alarm, self acting	Do	Do	April 6, do
Do place and oven	Ithiel S. Richardson	New Market, N. H.	Aug. 15, do
Furnace, to generate steam for culinary purposes	Jona. Knight	Stoddard, N. H.	Dec. 15, do
Do for heating tire	Jesse Reed	Marshfield, Mass.	Jan. 5, do
Do blast and cupola for melting iron	Dudley Marvin	Canandaigua, N. Y.	Jan. 21, do
Do for heating hatters' irons	Jno. Pattarson	Warwick, N. Y.	June 13, do
Gas, manufacturing, for illuminating purposes	Danl. L. Tuthill	New York	Nov. 8, do
Do meters	Jos. Boston	Do	Feb. 11, do
Do generating and continuing light from oil, &c.	Henry Robinson	Boston, Mass.	Mar. 10, do
Do do by means of a spirit lamp, &c.	Soln. Andrews	Perth Amboy, N. J.	April 15, do
Heat, machinery for regulating	Do	Do	May 5, do
Kiln, for burning lime	Leml. W. Wright	London, England	Aug. 25, do
Lamps, applying the principle of Argand to common lamps	Jos. M. Downing	Bristol, Pa.	Aug. 25, do
Do construction of	Lewis F. Gallup	Woodstock, Vt.	Mar. 9, do
	Jno. W. Shulz and Joel Trull	Medford, Mass.	Mar. 19, do

Do manufacturing from wood	-	Jos. H. Mather	-	Saybrook, Ct.	-	July 20, do
Do for burning evaporable ingredients	-	Isaiah Jennings	-	New York	-	Aug. 1, do
Light, producing by a combination of liquids as a substitute for oil	-	Do	-	Do	-	June 13, do
Mantels for fire places	-	Elijah Skinner	-	Sandwich, N. Y.	-	July 20, do
Metallurgical operations, by the introduction of chemical agents	-	Richard Willcox	-	Patterson, N. J.	-	April 5, do
Do do for improving the manipulation of metals with anthracite coal	-	Do	-	Do	-	April 5, do
Do do for improving the manipulation of metals with bituminous coals, charcoal, coke wood, &c.	-	Do	-	Do	-	April 5, do
Oven, double, in chimneys or large bakeries	-	Reuben Bacon and Wm. E. Marshall	-	Walpole, N. H.	-	Feb. 9, do
Do portable	-	Wm. E. Goddard	-	Portsmouth, N. H.	-	Oct. 12, do
Do perpetual rotary	-	J. L. D. Mathies	-	Rochester, N. Y.	-	Dec. 21, do
Safety valve, hydrostatic, for steam boilers	-	Thos. Ewbank	-	New York	-	Aug. 27, do
Salt, coarce, manufacturing from salt water	-	Aaron Barnes	-	Deerfield, N. Y.	-	Sept. 25, do
Sirup or cane juice, concentrated by steam	-	Daniel Strobel, jr.	-	Washington, D. C.	-	May 9, do
Do apparatus for filtering and washing animal black used in clarifying sugar, for the use of sugar boilers	-	Thos. Oxnard	-	Cumberland, Me.	-	Aug. 6, do
Steam engine, double chamber rotary	-	Joel Eastman	-	Bath, N. H.	-	Feb. 18, do
Do do	-	Hugh Gordon	-	New York	-	Feb. 28, do
Do do rotary	-	Abel Greenleaf	-	Paris, N. Y.	-	April 18, do
Do do do	-	Ebenr. R. Hale	-	Hyde Parke, N. Y.	-	June 13, do
Do do do called the "steam lever rotary"	-	Jno. Catlin and Calvin Fletcher	-	Cincinnati, O.	-	June 13, do
Do do machinery	-	Wm. A. Turner	-	Washington co. N. C.	-	July 21, do
Do do re-acting	-	Ambrose Foster and Wm. Avery	-	Brutus, N. Y.	-	Sept. 28, do
	-		-	Salina, N. Y.	-	

LIST OF PATENTS—CALORIFIC AND STEAM APPARATUS—Continued.

INVENTIONS OR DISCOVERIES.	NAMES OF PATENTEES.	RESIDENCE.	WHEN ISSUED.
Steam engine	-	-	Oct. 17, 1831.
Do do rotary or pump	-	-	Nov. 8, do
Stove, cylindrical, sheet iron, used in burning anthracite, by appropriating heated air to culinary purposes	J. S. Richardson Oliver Allen	New Market, N. H. Norwich, Ct.	-
Do conical	Emma Steinhauer	Philadelphia, Pa.	Feb. 3, do
Do for stone coal	Stephen C. Roe	New York	Mar. 3, do
Do cooking	Urban B. A. Lange	Philadelphia, Pa.	May 3, do
Do	Elisha Bates and Da- vid Uplegraff	-	-
Do	Thos. Woolson	Mount Pleasant, O.	July 20, do
Do anthracite cooking	Waller Bryant	Claremont, N. H.	July 20, do
Do Boston do	Saml. Beals	Boston, Mass.	Sept. 13, do
Do	Powell Stackhouse	Do	Oct. 1, do
Do	Wm. A. Archbald	Philadelphia, Pa.	Dec. 22, do
Sugar, manufacturing	Lemuel W. Wright	New York	Aug. 16, do
Do do	-	London, England	Aug. 25, do

LIST OF PATENTEES—CALORIFIC AND STEAM APPARATUS.

NAMES OF PATENTEES.	RESIDENCE.	INVENTIONS OR DISCOVERIES.	WHEN ISSUED.
Antes, Henry	Harrisburg, Pa.	Chimneys, constructing	Oct. 24, 1831.
Andrews, Sol'n	Perth Amboy, N. J.	Gas, generating, and continuing light from oil, &c.	April 15, do
Do	Do	Do do by means of a spirit lamp	May 5, do

Allen, Oliver -	Norwich, Ct.	Steam engine, rotary or pump	Nov. 8, do
Archibald, Wm. A.	New York	Sugar, manufacturing	Aug. 16, do
Beach, Richard M.	Franklin, N. Y.	Boiling liquids of all kinds	April 7, do
Baker, John -	Lancaster, Pa.	Chimney valve	Oct. 28, do
Boston, Jos. -	New York	Gas, manufacturing	Feb. 11, do
Bacon, Beuben, & W. E. Marshall	Walpole, N. H.	Oven, double, in chimneys	Feb. 9, do
Barnes, Aaron	Deerfield, N. Y.	Salt, manufacturing, coarse	Sept. 5, do
Bates, Elisha, and David Updegraff	Mount Pleasant, O.	Stove, cooking	July 20, do
Bryant, Walter	Boston, Mass.	Do do Anthracite	Sept. 13, do
Beals, Samuel	Do	Do do Boston	Oct. 1, do
Curtis, Philo C.	Utica, N. Y.	Boiler, steam engine	May 3, do
Cooper, Peter	New York	Do do	Oct. 13, do
Chase, Paul -	Do	Coal, anthracite, high steam, and hydrogen gas, applied to produce combustion	Oct. 7, do
Cairon, John -	Do	Distilling	Jan. 10, do
Do	Boston, Ms.	Do (Patent of January 10, 1831, cancelled)	Aug. 22, do
Catlin, John, and Calvin Fletcher	Cincinnati, O.	Steam engine, lever steam rotary	June 13, do
Disbrow, Levi	New York	Boiler, compound furnace steam	Feb. 18, do
Douglas, John C.	Do	Do safety steam	July 20, do
Downings, Jos. M.	Bristol, Pa.	Kiln for burning lime	Aug. 25, do
Ewhank, Thomas	New York	Safety-valve, hydrostatic, for steam boilers	Aug. 27, do
Eastman, Joel	Bath, N. H.	Steam engine, double rotary	Feb. 18, do
Forbes, Samuel	New York	Boiler and furnace for steam engines	Mar. 17, do
Foster, Ambrose, and William Avery	Brutus, N. Y.	Steam engine, reacting	Sept. 28, do
Gallup, Lewis F.	Salina, N. Y.	Lamps, applying the principle of Argand to common	Mar. 9, do
Goddard, William	Woodstock, Vt.	Oven, portable	Oct. 12, do
Gordon, Hugh	Portsmouth, N. H.	Steam engine	Feb. 28, do
	New York		

LIST OF PATENTEES—CALORIFIC AND STEAM APPARATUS—Continued.

NAMES OF PATENTEES.	RESIDENCE.	INVENTIONS OR DISCOVERIES.	WHEN ISSUED.
Greenleaf, Abel	Paris, N. Y.	Steam engine, rotary	April 18, 1831
Hinds, Stephen	Montrose, Pa.	Beer, composition for making	May 11, do
Hooper, Dummer H.	New Albany, Inda.	Boiler, and regulating the heat of water therein	Oct. 31, do
Hackley, Philo M.	Herkimer, N. Y.	Do for generating steam	Dec. 27, do
Hinkley, Thomas	Hallowell, Me.	Chimneys, cleaning	Oct. 7, do
Hale, Ebn'r R.	Hyde Parke, N. Y.	Steam engine, rotary	June 13, do
Jennings, Isaiah	New York	Boiler, steam engine	Dec. 21, do
Jencks, James K.	Sackett's Harbour, N. Y.	Distilling	May 2, do
Jennings, Isaiah	New York	Do or preparing alcohol or spirits from grain, &c. and employing the residuum advantageously	June 13, do
Do	Do	Lamp for burning evaporable ingredients	Aug. 1, do
Do	Do	Light, producing, by a combination of liquids as a substitute for oil	June 13, do
Isaacs, Moses	Philadelphia, Pa.	Coke, manufacturing, from Anthracite or other coal	April 7, do
Knight, Jona.	Stoddard, N. H.	Fire place and oven	Dec. 15, do
Lawrence, William	Meriden, Ct.	Chandelier	Mar. 23, do
Lange, Urban B. A.	Philadelphia, Pa.	Stove for stone coal	May 3, do
Mathews, Alex'r	Island Creek town'p, O.	Distilling and evaporation	June 13, do
Marvin, Dudley	Canandaigua, N. Y.	Furnace for heating tire	Jan'y 21, do
Mather, Jos. H.	Saybrook, Ct.	Lamps, manufacturing, from wood	July 20, do
Mathies, J. L. D.	Rochester, N. Y.	Oven, perpetual, rotary	Dec. 21, do
Otis, Charles	Tunkhannock, Pa.	Distilling apparatus	Feb. 16, do
Oxnard, Thomas	Cumberland, Me.	Sirup, apparatus for filtering and washing animal black, used in clarifying sugar	Aug. 6, do
Pattarson, John	Warwick, N. Y.	Furnace blast and cupola for melting iron	June 13, do

Reilley, Boyd	Cincinnati, O.	Bath, medicated steam	Feb. 5, do
Richardson, Ithiel S.	New Market, N. H.	Fire alarm, self-acting	Aug. 15, do
Reed, Jesse	Marshfield, Mass.	Furnace to generate steam for culinary purposes	Jan. 5, do
Robinson, Henry	Boston, Mass.	Gas meters	Mar. 10, do
Richardson, J. S.	New Market, N. H.	Steam engine	Oct. 17, do
Roe, Stephen C.	New York	Stove conical	Mar. 3, do
Sirobel, jr., Daniel	Washington, D. C.	Blowing wind for furnaces	May 9, do
Silliman, Levi	Albany, N. Y.	Chimneys, smoke preventer	July 20, do
Shulz, John W., and Joel Trull	Medford, Mass.	Lamps, construction	Mar. 19, do
Skinner, Elijah	Sandwich, N. Y.	Mantels for fire places	July 20, do
Sirobel, jr., Daniel	Washington, D. C.	Sirup or cane juice, concentrated by steam	May 9, do
Steinhauer, Emma	Philadelphia, Pa.	Stove, cylindrical sheet iron, used in burning Anthracite coal, by appropriating heated air to culinary purposes	Feb. 3, do
Stackhouse, Powell	Do	Stove	Dec. 22, do
Turner, William A.	Washington co., N. C.	Explosion of boilers, preventing and burning	Mar. 15, do
Do	Do	Do	April 6, do
Tuthill, Daniel L.	New York	Furnace for heating hatter's irons	Nov. 8, do
Turner, William A.	Washington co., N. C.	Steam engine machinery	July 21, do
Williston, Gordin	New London, Ct.	Baker, tin	Jan. 11, do
Willcox, Philip	Springfield, Mass.	Do and roaster, economical	Sept. 28, do
Wright, Lemuel W.	London, England	Distilling	Sept. 28, do
Willcox, Richard	Paterson, N. J.	Metallurgical operations, by chemical agents	April 5, do
Do	Do	Do Anthracite coal	5, do
Do	Do	Bituminous coal, charcoal coke wood, &c.	5, do
Woolson, Thomas	Claremont, N. H.	Stove	July 20, do
Wright, Lemuel W.	London, England	Sugar, manufacturing	Aug. 25, do

INVENTIONS OR DISCOVERIES.	NAMES OF PATENTEES.	RESIDENCE.	WHEN ISSUED.
Bucket wheel, overshot, used in hydraulic works	Dean S. Howard	Lyonsdale, N. Y.	Feb. 16, 1831.
Conduit, Self-Regulating, for passing water around canal locks	Jas. Clarke	Westmoreland co., Pa	Jan. 25, do
Filtrating water and other liquids	Jas. Barron, U. States' Navy	Philadelphia, Pa.	Aug. 30, do
Fire engine	Nathan Pierce	Whitehall, N. Y.	Feb. 23, do
Ladder, life, escape and fire	Jas. Johnson	Baltimore, Md.	April 18, do
Pipes, or tubes, of a composition of metals	Burroughs Titus	Ulysses, N. Y.	April 19, do
Pump, rotary	Thos. Sutton	Norwich, Ct.	Jan. 28, do
Do or engine for raising water and ejecting air	Jedediah Beckwith	Saratoga, N. Y.	April 16, do
Do labor saving	Daniel Smith	China, N. Y.	June 13, do
Do double piston	Shadrach W. Allen	Geneva, N. Y.	July 21, do
Do	Jesse Reed	Marshfield, Ma.	Aug. 5, do
Do suction and lifting	Elisha Tolles	Litchfield, Ct.	Sept. 28, do
Do	Noble Phelps	Turin, N. Y.	Oct 20, do

LIST OF PATENTEES—HYDRAULICS.

NAMES OF PATENTEES.	RESIDENCE.	INVENTIONS OR DISCOVERIES.	WHEN ISSUED.
Allen, Shadrach W	Geneva, N. Y.	Pump, double piston	July 21, 1831.
Barron, Jas., U. States' Navy	Philadelphia, Pa.	Filtrating water and other liquids	Aug. 30, do

LIST OF PATENTS—WHEEL CARRIAGES.

INVENTIONS OR DISCOVERIES.		NAMES OF PATENTEES.		RESIDENCE.	WHEN ISSUED.
Beckwith, Jedediah	-	Saratoga, N. Y.	-	Pump or engine for raising water and ejecting air	April 16, do
Clarke, Jas.	-	Westmoreland co., Pa.	-	Conduit, self regulating	Jan 25, do
Howard, Dean S.	-	Lyonsdale, N. Y.	-	Bucket wheel, overshoot, for hydraulic works	Feb 16, do
Johnson, Jas.	-	Baltimore, Md.	-	Ladder, life escape and fire	April 18, do
Pierce, Nathan	-	Whitehall, N. Y.	-	Fire engine	Feb. 23, do
Phelps, Noble	-	Turin, N. Y.	-	Pump	Oct. 20, do
Reed, Jesse	-	Marshfield, Ma.	-	Do	Aug. 5, do
Sutton, Thos.	-	Norwich, Ct.	-	Pump, rotary	Jan. 28, do
Smith, Daniel	-	China, N. Y.	-	Do labor saving	June 13, do
Titus, Burroughs	-	Ulysses, N. Y.	-	Pipes or tubes	April 19, do
Tolles, Elisha	-	Litchfield, Ct.	-	Pump, suction and lifting	Sept. 28, do
Axle trees	-	-	-	-	-
Do for railway and other wheel carriages	-	-	-	Baltimore, Md.	Feb. 24, 1831.
Do hubs and spokes	-	-	-	Do	July 20, do
Boxes for hubs of wheels (improvement on patent of January, 27, 1830)	-	-	-	White Creek, N. Y.	Dec. 6, do
Boxes for wagons, machine for letting in	-	-	-	Baltimore, Md.	Feb. 7, do
Rolling lever carriage	-	-	-	Vernon, N. Y.	Dec. 31, do
Springs, edging and drawing steel points	-	-	-	Corinth, N. Y.	Mar. 24, do
Do elliptical steel	-	-	-	Newark, N. J.	Jan 11, do
Steps for coaches	-	-	-	Lehigh co., Pa.	Nov. 12, do
"Wheel, Easy Motion and Pavement Saving"	-	-	-	Newark, N. J.	26, do
	-	-	-	New York	July 20, do

LIST OF PATENTEES—WHEEL CARRIAGES.

NAMES OF PATENTEES.	RESIDENCE.	INVENTIONS OR DISCOVERIES.	WHEN ISSUED.
Cooper, Isaac	Baltimore, Md.	Boxes for wheel hubs	Feb. 7, 1831.
Chapman, Harvey	Corinth, N. Y.	Rolling lever carriage	Mar. 24, do
Carter, Geo.	Newark, N. J.	Steps for coaches	Nov. 26, do
Fuller, Orlando A.	Vernon, N. Y.	Boxes for wagons, machine for letting in	Dec. 21, do
Haslup, Rezin	Baltimore, Md.	Axle trees	Feb. 24, do
Hinkle, Chas.	Lehigh co., Pa.	Springs, elliptical steel	Nov. 12, do
Stoudinger, Geo.	Newark, N. J.	Springs, edging and drawing steel points	Jan. 11, do
Varela, Felix	New York	Wheel, easy motion, and pavement saving	July 20, do
Winans, Ross	Baltimore, Md.	Axle trees for railway and other carriages	Do do
Wilkinson, Garner	White Creek, N. Y.	Do hubs, and spokes	Dec. 6, do

LIST OF PATENTS—ARMS.

INVENTIONS OR DISCOVERIES.	NAMES OF PATENTEES.	RESIDENCE.	WHEN ISSUED.
Lock, percussion, for cannon	Enoch Hidden	New York	Jan. 14, 1831.
Do gun	Abel Judson	New Lebanon, N. Y.	June 13, do
Do percussion, and walking cane, rifles and pistols	Alvin D. Cushing	Troy, N. Y.	July 20, do
Do do side, for rifles	Elisha Strong	Claridon, O.	Aug. 2, do
Do do cannon	E. Hidden, assigned to S. Ringgold and John P. Moore	New York	Dec. 16, do

LIST OF PATENTEES—ARMS.

NAMES OF PATENTEES.	RESIDENCE.	INVENTIONS OR DISCOVERIES.	WHEN ISSUED.
Cushing, Alvin D.	Troy, N. Y.	Lock, percussion, and walking cane, rifle, and pistol	July 20, 1831
Hidden, Enoch	New York	Do	Jan. 14, do
Hidden, En'g, assigned to Sam'l Ringgold & John P. Moore	Do	do	
Judson, Abel	New Lebanon, N. Y.	do	Dec. 16, do
Strong, Elisha	Claridon, O.	do	June 13, do
		gun	Aug. 2, do
		side, for rifles	

LIST OF PATENTS—SCREW AND LEVER POWER.

INVENTIONS OR DISCOVERIES.	NAMES OF PATENTEES.	RESIDENCE.	WHEN ISSUED.
Balance, improvement on Dearborn's	Uel West and Daniel Loring	New York	Aug. 23, 1831.
Brick, machine for pressing	Archd McClung	Fairfield, Va.	Mar. 26, do
Do do	Jno. Sites	Harrisonburg, Va.	Mar. 29, do
Do do	Thos. A. Irick	Do	July 27, do
Cheese press, called "the lever and eccentric wheel press"	Jno. S. Pulsifer and Ebenezer Pulsifer	Ipswich, Mass.	Feb. 14, do
Do do self propelling hanging lever	Jno. S. Cram	Hanover, N. H.	Dec. 27, do
Cotton press, and for pressing other soft fibrous substances	Philenzo Payne and Joshua Rundell	Port Gibson, Miss.	July 20, do

LIST OF PATENTS—SCREW AND LEVER POWER—Continued.

INVENTIONS OR DISCOVERIES.	NAMES OF PATENTEES	RESIDENCE.	WHEN ISSUED.
Lever power and inclined wheel	-	-	-
"Press, inclined friction roller"	-	-	-
Do toggle	Peter Wykoff	Wesport, Ky.	July 20, do
Do standing	Luther Carman	Oxford, Ms.	April 7, do
Do printing	Jno. Hale	Hollis, N. H.	April 20, do
Do standing	Chas. Evans	Philadelphia, Pa.	June 13, do
Do fly wheel	Otis Tufts	Boston, Mass.	July 30, do
Do book binders' cutting	Jno. H. Stewart	Philadelphia, Pa.	Aug. 11, do
Pressing, art of	David Evans	Do	Aug. 26, do
Printing press	Chas. Stimpson, jr.	Boston, Mass.	Oct. 17, do
Steelyard, combined	Jos. Tinkler	Masillon, O.	Aug. 31, do
Toggle joint, straightening in the hand printing press	Auson Sherman	New York	Feb. 26, do
Do do screw press	Martin Crow	Rush, N. Y.	June 13, do
Weighing heavy bodies, machine for	Otis Tufts	Boston, Mass.	Nov. 7, do
	Luke Hale	Hollis, N. H.	Dec. 12, do
	Thaddeus Fairbanks & Erastus Fairbanks	St. Johnsbury, Vt.	June 13, do
Do machine	Jas. S. Seger	New York	July 20, do
Do do for canal boats, loaded wagons, &c.	Daniel Loring	Newark, N. J.	Aug. 23, do
Do do do	Jas. Coulter	Philadelphia, Pa.	Oct. 13, do

LIST OF PATENTEES—SCREW AND LEVER POWER.

NAMES OF PATENTEES	RESIDENCE.	INVENTIONS OR DISCOVERIES.	WHEN ISSUED.
Cram, Jno. S.	-	-	-
Carman, Luther	Hanover, N. H.	Chessa press, self-propelling hanging lever	Dec. 27, 1831.
	Oxford, Me.	Press, inclined friction roller	April 7, do

Craw, Martin	Rush, N. Y.	Steelyard, combined	-	June 13, do
Coulter, Jas.	Philadelphia, Pa.	Weighing machine	-	Oct. 13, do
Eva's, Chas.	Philadelphia, Pa.	Press, standing	-	June 13, do
Evans, David	Do	Do fly wheel	-	Aug. 26, do
Fairbanks, Thaddeus, & Erastus Fairbanks	St Johnsbury, Vt.	Weighting heavy bodies	-	June 13, do
Hale, Jno.	Hollis, N. H.	Press, toggle	-	April 20, do
Hale, Luke	Do	Do do joint screw	-	Dec. 12, do
Irick, Thomas A.	Harrisonburg, Va.	Do brick	-	July 27, do
Loring, Daniel	Newark, N. J.	Weighing machine	-	Aug. 23, do
McClung, Archd.	Fairfield, Va.	Brick press	-	Mar. 26, do
Pulsifer, Jno. S. and Ebenezor Pulsifer	Ipswich, Mass.	Cheese press, called the eccentric wheel and lever press	-	Feb. 14, do
Payne, Philenzo, and Joshua Rundell	Port Gibson, Miss.	Cotton press	-	July 20, do
Sitka, Jno.	Harrisonburg, Va.	Brick press	-	Mar. 29, do
Stewart, Jno. H.	Philadelphia, Pa.	Press, standing	-	Aug. 11, do
Stimpson, jr. Chas.	Boston, Mass.	Do book binder's cutting	-	Oct. 17, do
Sherman, Anson	New York	Printing press	-	Feb. 26, do
Seger, Jas. H.	Do	Weighing machine	-	July 20, do
Tufta, Otis	Boston, Mass.	Printing press	-	July 30, do
Tinkler, Jos.	Massillon, O.	Pressing, art of	-	Aug. 31, do
Tufts, Otis	Boston, Mass.	Toggle joint, strengthening in the hand press	-	Nov. 7, do
West, Uel, and Daniel	New York	Balance, improvement on Dearborn's	-	Aug. 23, do
Loring	Westport, Ky.	Lever power and inclined wheel	-	July 20, do
Wykoff, Peter				

LIST OF PATENTS—MILLS.

INVENTIONS OR DISCOVERIES.	NAMES OF PATENTEES.	RESIDENCE.	WHEN ISSUED.
Bark, machine for grinding	Merritt Hurd	Augusta, N. Y.	May 3, 1831.
Bark mill	Cha. H. Green and Rich'd Montgomery	Sangerfield, N. Y.	Sept. 30, do
Coffee and spice mill	Amasa Sizer	Cheshire, Ct.	Dec. 22, do
Dogs for saw mills	Anson Andrews	Spencer, N. Y.	April 26, do
Flour, kiln drying, by means of heated air	Nathan Tyson	Baltimore, Md.	Aug. 3, do
Friction reducing in all kinds of machinery	Jno. J. Reekers	Do	June 13, do
Do do of axles mandrills, &c.	Isaac Cooper	Do	Sept. 28, do
Grist mill, portable improved	Henry Weed	Sandwich, N. H.	Jan. 10, do
Do	Elisha Bigelow	Georgetown, D. C.	Feb. , do
Do	Jos. Yeamans	Ashtabula, O.	Mar. 8, do
Do "Self Stopper"	Robt. McCormick, jr.	Augusta co., Va.	April 20, do
Do	Jno. F. Anderson	Louisville, Ky.	May 3, do
Do	Jno. P. Phipps and Jno. Holliday	Wilmington, Del.	12, do
Do for grain and other substances	Jno. Ambler, jr. and Daniel C. Ambler	New Berlin, N. Y.	June 13, do
Do	Jehiel W. Dart, Willard Webster, and Hiram Webster	Truxton, N. Y.	July 20, do
Do	Ezra Brees	Kingston, Pa.	Sept 28, do
Do and saw mill combined	Noah Porter	Boston, Ma.	Nov. 17, do
Machinery, apparatus for communicating motion to	Samuel Kilburn	Sterling, Ma.	April 16, do
Mill, vertical lathe	Elijah Skinner and Jno. Webster	Sandwich, N. H.	Aug. 26, do

Portable horse power engine to propel all kinds of machinery by the application of the endless screw	Isaac Van Doren	Hopewell t'p, N. J.	June 19, do
Power applying, horse or animal, to mechanical purposes	Wm. E. Arnold	Chatham, Ct.	May 7, do
Do do to move machinery	Geo. Page	Keene, N. H.	Sept. 28, do
Propelling power of water, steam, &c. applied to mills	Jehiel W. Dart and Willard Webster	Truxton, N. Y.	Jan. 21, do
Do machinery	Thomas D. Newsom	Nashville, Ten.	Jan. 22, do
Do do for mills, boats, cars, &c.	Aaron Parkhurst and Silas Bacon	Scriba, N. Y.	April 11, do
Do do and driving mill stones without cogs, &c.	Jer'h Case	Sodus, N. Y.	June 13, do
Do do by horse power	Calvin Emmons	New York	Aug. 2, do
Do mills, &c., by rolling and balance wheel power	Joel Estes	Brownsville, Ten.	Aug. 15, do
Do do boats, &c., by supporting chains	Billy Todd	Marietta, O.	24, do
Do do vessels, &c., by manual or other power	Jos. G. Aldebert	Opelousas, La.	Dec. 28, do
Saw, double tooth, for sawing boards or timber	Stafford Dawley	Anneville, N. Y.	Jan. 14, do
Saw mill	Jacemiah Smith	Morris, N. J.	Nov. 27, do
Do	Rufus Eaton	Concord, N. Y.	Nov. 24, do
Screen, horizontal revolving jointed	Peter Broughton	Charleston, S. C.	Aug. 5, do
Spindle, cast or wrought iron, and cast iron driver	Jas. Barton	Millford, Pa.	April 23, do
Smut machine for mills	Henry Weed and Stephen Fellows	Sandwich, N. H.	Aug. 23, do
Stones, balancing or adjusting in mills	Mark L. Chaso	Baltimore, Md.	June 13, do
Do running in flour mills	Jno. Clyde	Crawford co., Pa.	July 27, do
Do constructing to grind grain and hull clover seed	Benjamin Myers	Chambersburg, Pa.	Sept. 28, do
Thread wheel or tub wheel	Elias Davis	Bangor, Me.	April 9, do
Tricylindric machine operating by water fall	Eugene Burgonzio	New York	Nov. 2, do
Water, mode of applying, to mill wheels	Wm. Kendall	Fairfield, Me.	Jan. 12, do
Do do	Jos. Michenor	Clinton, O.	Mar. 9, do
Water power, saving	Aaron Foot	Williamstown, Ms.	Jan. 4, do
Water wheel, re-action	Jno. Turner	Augusta, Me.	Jan. 18, do

LIST OF PATENTS--MILLS--Continued.

INVENTIONS OR DISCOVERIES.	NAMES OF PATENTEES.	RESIDENCE.	WHEN ISSUED.
Water wheel, inclined - - -	Wm. H. Squires and Coral C. White	Ledyard, N. Y.	Feb. 5, 1831.
Do re-action - - -	Jos. C. Strode	E. Bradford, Pa.	8, do
Do with floats working upon hinges -	Joel Eastman	Bath, N. H.	18, do
Do - - -	Martin Coney	Portland, N. Y.	April 12, do
Do and the application of water thereto	Joel Eastman	Bath, N. H.	Sept. 28, do
Wedge, circular - - -	Silas Underwood	Hardwick, Vt.	July 22, do
Wheat rubber - - -	David Narracong	Skaneateles, N. Y.	Aug 18, do
Wind power applied to mills, factories, &c. -	Jno. Y. Van Tuyl	Rahway, N. J.	Sept. 28, do

LIST OF PATENTEES--MILLS.

NAMES OF PATENTEES.	RESIDENCE.	INVENTIONS OR DISCOVERIES.	WHEN ISSUED.
Andrews, Anson - - -	Spencer, N. Y.	Dogs, for saw mills - - -	April 26, 1831.
Anderson, John F. - -	Louisville, Ky.	Grist mill - - -	May 3, do
Ambler, jr., John, and Daniel C. Ambler - -	New Berlin, N. Y.	Do - - -	June 13, do
Arnold, Wm. E. - - -	Chatham, Ct.	Power, applying horse, to mechanical purposes, &c., -	May 7, do
Aldebert, John G. - -	Opelousas, La.	Propelling mills, &c., by manual or other power -	Dec. 29, do
Bigelow, Elisha - - -	Georgetown, D. C.	Grist mill - - -	Feb. 11, do

Brees, Ezra	Kingston, Pa.	Do	Screen, horizontal, revolving jointed	Sept. 28,	do
Broughton, Peter	Charleston, S. C.		Spindle, cast or wrought iron, and cast iron driver	Aug. 5,	do
Barton, James	Millford, Pa.		Tricylindric machine, operating by water fall	April 28,	do
Burgonzio, Eugene	New York		Friction, reducing, &c.	Nov. 2,	do
Cooper, Isaac	Baltimore, Md.		Propelling machinery and driving mill stones without eogs	Sept. 28,	do
Case, Jer'h	Sodus, N. Y.		Stones, balancing or adjusting, in mills	June 18,	do
Chase, Mark L.	Baltimore, Md.		Do running, in flour mills	June 18,	do
Clyde, John	Crawford co., Pa.		Water wheel	July 27,	do
Coney, Martin	Portland, N. Y.			April 18,	do
Dart, Jehiel W., W.					
Webster, and Hiram Webster	Truxton, N. Y.		Grist mill	July 20,	do
Dart, Jehiel W., and Willard Webster	Do		Propelling power of water, steam, &c., for mills	Jan. 21,	do
Dawley, Stafford	Anneville, N. Y.		Saw, double tooth, for sawing timber	Jan'y 14,	do
Davis, Elias	Bangor, Me.		Tread or tub wheel	April 9,	do
Emmons, Calvin	New York		Propelling machinery by horse power	Aug. 2,	do
Estes, Joel	Brownsville, Tenn.		Do mills, &c., by rolling and balance wheel power	Aug. 15,	do
Eaton, Rufus	Concord, N. Y.		Saw mill	Nov. 23,	do
Eastman, Joel	Bath, N. H.		Water wheel, with floats working upon hinges	Feb. 18,	do
Do	Do		Do and applying water thereto	Sept. 28,	do
Fool, Aaron	Williamstown, Mass.		Water power, saving	Jan'y 4,	do
Green, Charels H., and Rich'd Montgomery	Sangerfield, N. Y.		Bark mill	Sept. 30,	do
Hurd, Merritt	Augusta, N. Y.		Bark, machine for grinding	May 3,	do
Kilburn, Samuel	Sterling, Mass.		Machinery, apparatus for communicating motion	April 16,	do
Kendall, William	Fairfield, Me.		Water, mode of applying, to mill wheels	Jan. 12,	do
McCurmick, Robert, jr	Augusta co., Va.		Grist mill, self stopper	April 20,	do
Myers, Benjamin	Chambersburg, Pa.		Stones to grind grain and hull clover seed	Sept. 28,	do
Michenor, Jos.	Clinton, O.		Water applied to mill wheels	Mar. 8,	do
Newsom, Thos. W.	Nashville, Tenn.		Propelling machinery	Jan. 22,	do

LIST OF PATENTEES--MILLS.

LIST OF PATENTEES.	RESIDENCE.	INVENTIONS OR DISCOVERIES.	WHEN ISSUED.
Narracong, David	Skaneateles, N. Y.	Wheat rubber -	Aug. 18, 1831.
Phipps, John P., and John Holliday	Wilmington, Del.	Grist mill -	-
Porter, Noah	Boston, Mass.	Do and saw mill combined -	May 12, do
Page, Geo.	Keene, N. H.	Applying horse power to move machinery -	Nov. 17, do
Parkhurst, Aaron, and Silas Bacon	Scriba, N. Y.	Propelling power for mills, &c. -	Sept. 28, do
Reckers, John J.	Baltimore, Md.	Friction, reducing, in all kinds of machinery -	April 11, do
Sizer, Amasa	Cheshire, Ct.	Coffee and spice mill -	June 13, do
Skinner, Elijah, and John Webster	Sandwich, N. H.	Mill, vertical lathe -	Dec. 22, do
Smith, Jacamiah	Morris, N. J.	Saw mill -	Aug. 26, do
Squires, Wm. H., and Coral C. White	Ledyard, N. Y.	Water wheel, inclined -	Jan. 27, do
Strode, Joseph C.	E. Bradford, Pa.	Do reaction -	Feb. 5, do
Tyson, Nathan	Baltimore, Md.	Flour, kiln for drying flour, by means of heated air -	Feb. 28, do
Todd, Billy	Marietta, O.	Propelling mills, &c., by supporting chains -	Aug. 3, do
Turner, John	Augusta, Me.	Water wheel, reaction -	Aug. 24, do
Underwood, Silas	Hardwick, Vt.	Wedge circular -	Jan. 18, do
Van Doren, Isaac	Hopewell town'p, N.J.	Portable horse power engine to propel all kinds of machinery by the application of the endless screw -	July 22, do
Van Tuyl, Jno. Y.	Rahway, N. J.	Wind power applied to mills, &c. -	June 13, do
Weed, Henry	Sandwich, N. H.	Grist mill, portable -	Sept. 28, do
Weed, Henry, and Stephen Fellows	Do	Smut machine for mills -	Jan. 10, do
Yeamans, Jos.	Ashtabula, O.	Grist mill -	Aug. 23, do
			Mar. 18, do

LIST OF PATENTS—CHEMICAL COMPOSITIONS.

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INVENTIONS OR DISCOVERIES.	NAMES OF PATENTERS.	RESIDENCE.	WHEN ISSUED.
Caoutchouc, fluid to render a variety of articles water proof	Geo. H. Richards	Washington, D. C.	April 11, 1831.
Cement, chemical water proof	Chas. Fletcher	Boston, Mass.	Nov. 32, do
Compound for sheathing ships, &c.	Jno. Revere	Do	Mar. 24, do
Dropsy and epilepsy, cure for	Jno. S. Fall	Rattle Snake Springs, Geo.	Nov. 25, do
Gold ores and alluvial auriferous earth, machine for washing	Jno. Powell	Salisbury, N. C.	April 1, do
Do machine for separating from earth, &c.	Green B. Palmer	Pendleton, N. C.	April 23, do
Do method of extracting from the ore pulverized, or amalgamating and washing residuums	Jas. L. Montandever	Charlotte, N. C.	April 30, do
Do machine for washing from sand and gravel	Christr. Bechtler	Rutherfordton, N. C.	Oct. 5, do
Do do do	Do	Do	Oct. 5, do
Do do do called the railway car gold riddle	Oscar Willis	Burke co. N. C.	Dec. 21, do
Gout and rheumatism, cure for	Wm. A. Parker	Accomack co. Va.	Nov. 4, do
Hides, scraping flesh and hair from them in the process of tanning	Thos. Williams	Rochester, N. Y.	Oct. 31, do
Medicine	Jos. Baker	Jefferson townsp. O.	May 5, do
Mineral water, manufacturing	Wm. Mead	Newburg, N. Y.	April 12, do
Oil, purifying sperm and whale	Jno. L. Embree	New York	June 13, do
Painis, composition of matter for	Chandler Metcalf	Hanover, N. H.	Feb. 25, do
Do mode of mixing	Jona. Linnell, jr.	Orleans, Ma.	Mar. 26, do
Do composition	Philip A. Klipetine	New Baltimore, Va.	July 20, do
Pot ash, manufacturing	Thos. H. Sherman	Hastings, N. Y.	Feb. 2, do
Do do and leaching ashes	Ephraim Parce	Lincolnton, N. Y.	July 20, do

LIST OF PATENTS—CHEMICAL COMPOSITIONS—Continued.

INVENTIONS OR DISCOVERIES.	NAMES OF PATENTEES.	RESIDENCE.	WHEN ISSUED.
Soda water, apparatus for drawing	-	-	-
Do do	Justus Perkins	Brutus, N. Y.	May 3, 1831
Do do	Jno. Ambler, jr.	New Berlin, N. Y.	June 13, do
Do do	Alonzo L. Smith	Brutus, N. Y.	June 13, do
Do do	Noah H. Coleman	Mentz, N. Y.	July 20, do
Do do and drawing the same	Ambrose Church	Canandaigua, N. Y.	July 20, do
Tanning leather	Osmond Cogswell	Cincinnati, O.	Jan. 29, do
Do do	Isaac Dawes	Goshen Farm, Md.	April 21, do
Do apparatus, removing the refuse bark from the latches, by means of water	-	-	-
Tan yard	Wm. Browne	Mooresville, N. Y.	Nov. 2, do
White lead, manufacturing	Abm Cenwell	Fayette co. Ind.	Nov. 4, do
Zinc or spelter, manufacturing various articles	Geo. A. Harrison	New York	July 20, do
	Saml Davis	Do	Aug. 11, do

LIST OF PATENTEES—CHEMICAL COMPOSITIONS.

NAMES OF PATENTEES.	RESIDENCE.	INVENTIONS OR DISCOVERIES.	WHEN ISSUED.
Ambler, jr. Jno.	New Berlin, N. Y.	Soda water apparatus	June 13, 1831.
Bechtler, Chrstr.	Rutherfordton N. C.	Gold, machine for washing from sand and gravel	Oct. 5, do
Do	Do	Do do do pounded ore	Oct. 5, do
Baker, Jos.	Jefferson townsp. O.	Medicine	May 5, do
Brown, Wm.	Mooresville, N. Y.	Tanning apparatus, removing the bark from the latches, by means of water	Nov. 2, do

Coleman, Noah H.	Mentz, N. Y.	Soda water apparatus	July 20, do
Church, Ambrose	Canandaigua, N. Y.	Do do	July 20, do
Cogswell, Osmond	Cincinnati, O.	Tanning leather	Jan. 28, do
Conwell, Abm.	Fayette co. Ind.	Tan yard	Nov. 4, do
Dawes, Isaac	Goshen Farm, Md.	Tanning leather	April 21, do
Davis, Samuel	New York	Zinc, manufacturing various articles	Aug. 11, do
Embree, Jno. L.	New York	Oil, purifying sperm and whale	June 18, do
Fletcher, Calvin	Boston, Mass.	Cement, chemical water proof	Nov. 28, do
Fall, Jno. S.	Rattle Snake Springs Geo.	Dropsy and epilepsy, cure	Nov. 25, do
Harrison, Geo. A.	New York	White lead, manufacturing	July 20, do
Klipstine, Philip A.	New Baltimore, Va.	Paint, composition	July 20, do
Linnell, Jona. jr.	Orleans, Ma.	Paints, mode of mixing	Mar. 26, do
Montandever, Jas. L.	Charlotte, N. C.	Gold, extracting from ore pulverized, or amalgamating and washing residuums	April 30, do
Mead, Wm.	Newburg, N. Y.	Mineral water	April 12, do
Metcalf, Chandler	Hanover, N. H.	Paints, composition of matter for	Feb. 25, do
Powell, Jno.	Salisbury, N. C.	Gold ores and alluvial auriferous earth, washing	April 1, do
Palmer, Green B.	Pendleton, N. C.	Do do machine for separating from earth, &c.	April 23, do
Parker, Wm. A.	Acomack co. Va.	Gout and rheumatism, cure for	Nov. 4, do
Parce, Ephm.	Lincklaen, N. Y.	Pot ash, manufacturing and leaching ashes	July 20, do
Perkins, Justus	Brutus, N. Y.	Soda water apparatus	May 3, do
Richards, Geo. H.	Washington, D. C.	Caoutchouc, fluid to render articles water proof	April 11, do
Revere, Jno.	Boston, Mass.	Compound for sheathing ships, &c.	Mar. 24, do
Sherman, Thos. H.	Hastings, N. Y.	Pot ash, manufacturing	Feb. 2, do
Smith, Alonzo L.	Brutus, N. Y.	Soda water apparatus	June 13, do
Willis, Oscar	Burke co. N. C.	Gold, washing machine, called the railway car gold riddle	Dec. 21, do
Williams, Thos.	Rochester, N. Y.	Hides, scraping flesh and hair from them in the process of tanning	Oct. 31, do

INVENTIONS OR DISCOVERIES.	NAMES OF PATENTEES.	RESIDENCE.	WHEN ISSUED
Block for stereotype plates	Bradbury Hackett	Boston, Mass.	Mar. 8, 1831
Globe for teaching geography	Elizabeth Oram.	New York	Jan. 12, do
Guitar	E. N. Sherr	Philadelphia, Pa.	Oct. 6, do
Ink holder	Daniel Harrington	Do	April 22, do
"Meleronome, Accenting," for teaching music	Uri Emmons	New York	April 7, do
Piano forte, horizontal	Ebenezer R. Currier	Boston, Mass.	April 22, do
Do action	John F. Nunns	New York	May 5, do
Do	Thomas Kearsing, H. O. Kearsing, G. T. Kearsing, and Wm. F. Kearsing	Do	June 13, do
Do action	Jesse Thompson	Do	Aug. 6, do
Pictures, with looking glasses back grounds	Isaiah Jennings	Do	Nov. 11, do
Plates, polishing by revolving cylinders, buffs and brushes	William J. Stone	Washington, D. C.	April 30, do
Violin, teaching the art of, performing on the	Robert McCormick, jr.	Augusta co. Va.	April 21, do

LIST OF PATENTEES—FINE ARTS.

NAMES OF PATENTEES.	RESIDENCE.	INVENTIONS OR DISCOVERIES.	WHEN ISSUED.
Currier, Eb'r R.	Boston, Mass.	Piana forte, horizontal	April 22, 1831.
Emmons, Uri	New York	"Meteronome, Accenting," for teaching music	April 7, do
Hackett, Bradbury	Boston, Mass.	Block for stereotype plates	Mar. 8, do

Harrington, Daniel	-	Philadelphia, Pa	-	Ink holder	-	-	April 22, do
Jennings, Isaiah	-	New York	-	Pictures with looking glass back grounds	-	-	Nov. 11, do
Kearsing, Thos., Henry	-	-	-	-	-	-	-
O., George T., and	-	-	-	-	-	-	-
William F. Kearsing	-	-	-	Piano forte	-	-	June 13, do
McCormick, Robert	-	Augusta co., Va.	-	Violin, the art of teaching	-	-	April 21, do
Nunns, John F.	-	New York	-	Piano forte action	-	-	May 5, do
Oram, Elizabeth	-	Do	-	Globe for teaching geography	-	-	Jan. 12, do
Sherr, E. N.	-	Philadelphia, Pa.	-	Guitar	-	-	Oct. 6, do
Stone, William J.	-	Washington, D. C.	-	Plates, polishing, by revolving cylinders, buffs & brushes	-	-	April 30, do
Thompson, Jesse	-	New York	-	Piano forte, action	-	-	Aug. 6, do

LIST OF PATENTS—HOROLOGY.

INVENTIONS OR DISCOVERIES.	NAMES OF PATENTEES.	RESIDENCE.	WHEN ISSUED.
Clocks, wooden, manufacturing	- - - Orsamus R. Fyler	Chelsea, Vt.	June 13, 1831

LIST OF PATENTEES—HOROLOGY.

NAMES OF PATENTEES.	RESIDENCE.	INVENTIONS OR DISCOVERIES.	WHEN ISSUED.
Orsamus R. Fyler	Chelsea, Vt.	Clocks, wooden, manufacturing	June 13, 1831.

LIST OF PATENTS—MATHEMATICAL INSTRUMENTS.

INVENTIONS OR DISCOVERIES.	NAMES OF PATENTEES.	RESIDENCE.	WHEN ISSUED.
Arithmetic, art of teaching	-	-	-
Level and plumb instrument	-	-	-
Lotteries, instituting and drawing	-	-	-
	Oliver H. Shaw	Richmond, Va.	April 16, 1831
	Jos. E. Eldred	Rochester, N. Y.	Aug. 25, do
	Jas. K. Casey	New York	Mar. 28, do

LIST OF PATENTEES—MATHEMATICAL INSTRUMENTS.

NAMES OF PATENTEES.	RESIDENCE.	INVENTIONS OR DISCOVERIES.	WHEN ISSUED.
Casoy, James K.	New York	Lotteries, instituting and drawing	Mar. 28, 1831.
Eldred, Jos. E.	Rochester, N. Y.	Level and plumb instrument	Aug. 25, do
Shaw, Oliver H.	Richmond, Va.	Arithmetic, art of teaching	April 16, do

LIST OF PATENTS—SURGERY.

INVENTIONS OR DISCOVERIES.	NAMES OF PATENTEES.	RESIDENCE.	WHEN ISSUED.
Invalids, machine for exercising them in their rooms	-	-	-
Pessary	-	-	-
	Daniel Harrington	Philadelphia, Pa.	April 23, 1831.
	Jos. Warrington and Wm. Scattergood	Do	Sept. 5, do

Plates, metallic, adjusting to artificial teeth
 Teeth, porcelain, securing them
 Tooth extractor, vertical
 Truss,
 Do gum elastic pad
 Do patents dated July, 17, 1817, Feb. 27, 1823,
 Aug. 19, 1824, Oct. 28, 1829, and December 20,
 1830, cancelled on account of defective specifications

Thos. R. Vanderslice
 Sam'l G. Chamberlain
 Ira W. Rutherford
 Jesse C. Earl
 Jno. J. Heintzelman
 Amos G. Hull
 Do
 Do
 Albany, N. Y.
 Baltimore, Md.
 Philadelphia, Pa.
 New York
 Jan. 5, do
 Feb. 11, do
 Jan. 4, do
 Mar. 19, do
 July 20, do
 Aug. 17, do

LIST OF PATENTEES—SURGERY.

NAMES OF PATENTEES.	RESIDENCE.	INVENTIONS OR DISCOVERIES.	WHEN ISSUED.
Chamberlain, Sam'l G.	Philadelphia, Pa.	Teeth, porcelain, securing them	Feb. 11, 1831.
Earl, Jesse C.	Baltimore, Md.	Truss	Mar. 19, do
Harrington, Daniel	Philadelphia, Pa.	Invalids, machine for exercising them in their rooms	April 23, do
Heintzelman, Jno. J.	Do	Truss, gum elastic pad	July 20, do
Hull, Amos G.	New York	Do (patents dated July 17, 1817, Feb. 27, 1823, Aug. 19, 1824, Oct. 28, 1829, and Dec. 20, 1830, cancelled on account of defective specifications)	Aug. 17, do
Rutherford, Ira W.	Albany, N. Y.	Tooth extractor, vertical	Jan. 4, do
Vanderslice, Thos. R.	Philadelphia, Pa.	Plates metallic, adjusting to artificial teeth	Jan. 5, do
Warrington, Jos., and Wm. Scattergood	Do	Pessary	Sept. 5, do

PATENTS FOR USEFUL INVENTIONS.

LETTER

FROM

THE SECRETARY OF STATE,

TRANSMITTING

*A list of the Names of Persons who have invented any New or Useful
Art, Machine, &c., &c.*

JANUARY 12, 1833.

Read, and laid upon the table.

DEPARTMENT OF STATE, *January 1, 1833.*

SIR: In pursuance of the resolutions of the House of Representatives of the United States, dated the 13th of January, 1812, and the 2d of April, 1830, I have the honor of transmitting a list of the names of persons who have invented any new or useful art or machine, manufacture or composition of matter, or any improvement thereon, and to whom patents have been issued from this office, from the 1st day of January, 1832, to the 1st day of January, 1833, with the dates and general objects of such patents, and also the residence of the patentees, as far as they could be ascertained.

I have the honor to be,

With great consideration,

Your very obedient servant,

EDWARD LIVINGSTON.

The Hon. the SPEAKER,

of the Ho. of Reps. U. States.

LIST OF PATENTS—AGRICULTURE.

INVENTIONS OR DISCOVERIES.		NAMES OF PATENTEES.		RESIDENCE.	WHEN ISSUED.
Apples, potatoes, &c., machine for grinding and shelling corn		Edmund Harris, Ja's Newton, Willard Webster, and Jehiel W. Dart		Truxton, N. Y.	1832.
Do machine for grinding	-	Jonathan R. Dean	-	Augusta township, O.	Mar. 10
Buckwheat, barley, &c., hulling	-	Thomas Register	-	West township, O.	April 5
Clover seed, machine for hulling	-	Christopher Sealhold, jr	-	New Berlin, Pa.	April 5
Do do cleaning	-	George Faber	-	Chambersburg, Pa.	Mar. 6
Do do hulling	-	George Monohon	-	Augusta township, O.	April 5
Do do and chopping grain	-	George Wales	-	Centre township, Pa.	April 27
Do do do	-	Pierson Reading	-	Trenton, N. J.	July 24
Do do do	-	George Faber and Ed- ward Faber	-	Pittsburgh, Pa.	July 31
Corn, clover, shelling and thrashing machine, combined with a grist mill	-	Daniel Mullier	-	Wooster, Ohio	Oct. 13
Corn shelling machine	-	William Gee	-	Prince George's co. Va.	Jan. 24
Do do	-	Christian Thomas	-	Lancaster, Pa.	May 10
Do do	-	Michael Carpenter	-	Do do	Sept. 3
Do do	-	Daniel Hall	-	Strasburg towns'p, Pa.	Oct. 25
Cultivator or harrow, two winged shifting tooth	-	Waldren Beach	-	Philadelphia, Pa.	Nov. 12
Fanning mill	-	Samuel Fitch	-	Edineston, N. Y.	Oct. 25
Do do	-	Peter Prine and Lott Huestis	-	Auburn, N. Y.	Jan. 6
Do do	-	David Clinton	-	New Haven, Conn.	Feb. 23
	-		-		Nov. 29

Fanning mill	-	-	-	John W. Hunter, M. L. Hunt, and Sulli- van Holman	Oakland co., M. T.	Dec.	18
Flax and hemp, breaking and dressing	-	-	-	Ebenezer C. Chase	Jay, Maine	Jan.	6
Do do	-	-	-	Arnold Zellnor	Giles co., Tenn.	Oct.	25
Grain, grass, seed, rice, &c., separating from straw	-	-	-	Abel Look and Wil- liam Coleman, jr.	Fredericktown, Md.	Mar.	21
Do hulling and cleaning	-	-	-	Orrin Lull	Osteo, N. Y.	Aug.	25
Harrow, corn, and grain cultivator	-	-	-	Nathaniel Stanton, jr.	Florida, N. Y.	July	9
Do revolving cylindrical	-	-	-	James D. Woodside	Washington, D. C.	July	28
Hoe	-	-	-	Benjamin Hinkley	Fayette, Maine	June	23
Lime, spreading on land	-	-	-	Mark L. Wilson,	Quakertown, Pa.	June	22
Plough	-	-	-	Thomas A. Whites	Bellefontaine, Ohio	Jan.	14
Plough, self-sharpening	-	-	-	Bancroft Woodcock	Mount Pleasant, Pa.	Jan.	26
Do	-	-	-	Samuel Witherow, as- signee of Sam'l Ogle	Adams co., Pa.	Feb.	28
Do self-sharpening	-	-	-	Job B. Norton	Utica, N. Y.	April	27
Do	-	-	-	Joseph Dudley	Fleming co., Ky.	May	8
Do	-	-	-	George Crowl	Sleepy creek, Va.	June	27
Do	-	-	-	George Wolf	Fairfield co., O.	Do	27
Do	-	-	-	John Moore	Cynthiana, Ky.	Aug.	17
Do	-	-	-	George W. Parnier	Jefferson township, O.	Do	17
Do	-	-	-	John Weaver	Brownsville, Pa.	Do	17
Do	-	-	-	Henry Higley	Canaan, Conn.	Dec.	11
Do and harrow	-	-	-	Waldren Beach	Philadelphia, Pa.	Do	28
Do self-sharpening	-	-	-	John Buch	E. Rushville, O.	Do	28
Do	-	-	-	Moses Huffman	Elizabeth, Tenn.	Do	28
Do barshare	-	-	-	Joseph Beach and Syl- vester Starr	Middletown, Conn.	May	10
Rice, hulling, cleaning, and polishing	-	-	-	Theodore F. Strong & Marcus T. Moody	Northampton, Mass.	Aug.	29
Do do do also barley	-	-	-				

LIST OF PATENTS—AGRICULTURE—Continued.

INVENTIONS OR DISCOVERIES.		NAMES OF PATENTEES.		RESIDENCE.	WHEN ISSUED.
Rice, hulling, cleaning, and polishing					1832.
Do	do	Joshua M. Buskey		New York	Oct. 25
		Theodore F. Strong &			
		Marcus T. Moody		Northampton, Mass.	Nov. 17
Straw, hay, stalks, &c., machine for cutting-		Nathaniel Windlow		Poughkeepsie, N. Y.	Oct. 25
Thrashing machine		Jacob Harland		Tompkinsville, Ky.	April 19
Do	do	Orlando Hurd		Bridgeport, Conn	Jan. 31
Do	do	Nathaniel Adams		Westmoreland, N. Y.	Mar. 2
Do	do	Matthew Wilson		Springfield, Va.	April 18
Do	do	Hardin Branch		New York	April 18
Do	do	Samuel Kable		Beaver creek tow'sp, O	May 10
Do	do	Thomas D Burrall &			
Do	do	Jehiel F. Axtell		Geneva, N. Y.	June 13
Do	do	M. L. Flaglor		New York	July 7
Do	do	Squire Gambell		Onandaga, N. Y.	Oct. 25
Do	do	Jesse Bevier		Sempronius, N. Y.	Dec. 11
Winnowing mill machinery		James Ruple		Washington, Pa.	May 19
Do	do	Daniel Davis		Cornish, N. H.	July 3

LIST OF PATENTS--AGRICULTURE--Continued.

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NAMES OF PATENTERS	RESIDENCE.	INVENTIONS OR DISCOVERIES.	WHEN ISSUED.
			1838.
Adams, Nathaniel	Westmoreland, N. Y.	Thrashing machine	March 2
Beach, Waldren	Philadelphia, Pa.	Cultivator or harrow, two-winged shifting tooth	Oct. 25
Beach, Joseph, and Sylvester Starr	Middletown, Conn.	Rice, hulling, cleaning, and polishing	May 10
Bevier, Jesse	Sempronius, N. Y.	Thrashing machine, shelling corn and grinding apples	Dec. 11
Beach, Waldren	Philadelphia, Pa.	Plough, self-sharpening	Do 28
Branch, Hardin	New York	Thrashing machine	April 18
Buskey, Joshua M.	Do	Rice, hulling, cleaning, and polishing	Oct. 25
Burrall, Thomas D., and Jehiel F. Axtell	Geneva, N. Y.	Thrashing machine, and other machines propelled by animal power	June 13
Buch, John	E. Rushville, O.	Plough	Dec. 26
Carpenter, Michael	Lancaster, Pa.	Corn-shelling machine	Oct. 25
Chase, Ebenezer C.	Jay, Maine	Flax and hemp, breaking and dressing	Jan. 6
Crowl, George	Sleepy creek, Va.	Plough	June 27
Clinton, David	New Haven, Conn.	Fanning mill	Nov. 29
Davis, Daniel	Cornish, N. H.	Winnowing mill	July 5
Dean, Jonathan R.	Augusta township, O.	Apples, machine for grinding	April 5
Dudley, Joseph	Fleming co, Ky.	Plough	May 8
Faber, George, and Edward Faber	Pittsburgh, Pa.	Clover seed, machine for hulling	Oct. 18
Faber, George	Chambersburg, Pa.	Do do cleaning	April 5
Fitch, Samuel	Edmeston, N. Y.	Fanning mill	Jan. 6
Flaglor, M. L.	New York	Thrashing machine	July 7
Gambell, Squire	Onondaga, N. Y.	Do do	Oct. 25

LIST OF PATENTS—AGRICULTURE—Continued.

NAMES OF PATENTERS.	RESIDENCE.	INVENTIONS OR DISCOVERIES.	WHEN ISSUED.
Gee, William	Pr. Georges' co., Va.	Corn shelling machine	1838. May 10
Harris, Edmund, James Newton, Willard Webster, and Jehiel W. Dart	Truxton, N. Y.	Apples, potatoes, &c., machine for grinding and shelling	Mar. 10
Hall, Daniel	Straaburg townsh., Pa.	Corn-shelling machine	Nov. 12
Harland, Jacob	Tompkinsville, Ky.	Straw, hay, stalks, &c., machine for cutting	April 19
Higley, Henry	Canaan, Conn.	Plough and harrow	Dec. 11
Hinkley, Benjamin	Fayette, Maine.	Hoe	June 23
Hurd, Orlando	Bridgeport, Conn.	Thrashing machine	Jan. 31
Hunter, John W., M. L. Hunt, and Sulli- van Holman	Oakland co., M. Ter.	Fanning mill	Dec. 18
Huffman, Moses	Elizabeth, Ten.	Plough, barshare	Do. 28
Kable, Samuel	Beaver cr'k townsh'p, O.	Thrashing machine	May 10
Look, Abel, and Wil- liam Coleman, jr.	Fredericktown, Md.	Grain, grass seeds, rice, &c., separating from straw	Mar. 21
Lull, Orrin	Otsego, N. Y.	Do hulling and cleaning	Aug. 25
Monohon, George	Augusta township, O.	Clover seed, machine for hulling	April 27
Moore, John	Cynthiana, Ky.	Plough	Aug. 17
Mullier, Daniel	Wooster, Ohio	Corn, clover, shelling and thrashing machine, combined with a grist-mill	Jan. 24
Norton, Job B.	Utica, N. Y.	Plough, self-sharpening	April 27
Prine, Peter, and Lott Huestis	Auburn, N. Y.	Fanning mill	Feb. 23

Parmer, George W.	Jefferson township, O.	Plough	-	-	Aug.	17
Register, Thomas	West township, O.	Buckwheat, barley, &c., hulling	-	-	April	5
Rending, Pierson	Trenton, N. J.	Clover seed, machine for hulling	-	-	July	31
Ruple, James	Washington, Pa.	Winnowing mill	-	-	May	19
Seabold, jr., Christopher	New Berlin, Pa.	Clover seed, machine for hulling	-	-	Mar.	6
Strong, Theodore F., & Marcus T. Moody	Northampton, Mass.	Rice, hulling, cleaning, and polishing, also barley	-	-	Aug.	29
Strong, Theodore F., & Marcus T. Moody	Northampton, Mass.	Rice, hulling, cleaning, and polishing	-	-	Nov.	17
Stanton, jr., Nath'l	Florida, N. Y.	Harrow, corn, and grain cultivator	-	-	July	9
Thomas, Christian	Landcaster, Pa.	Corn-shelling machine	-	-	Sept.	3
Wales, George	Centre township, Pa.	Clover seed, machine for hulling and chopping grain	-	-	July	24
Winslow, Nathaniel	Poughkeepsie, N. Y.	Smut machine	-	-	Oct.	25
Wilson, Mathew	Springfield, Va.	Thrashing machine, and grist mill attached	-	-	April	16
Woodside, James D.	Washington, D. C.	Harrow, revolving cylindrical	-	-	July	28
Wilson, Mark L.	Quakertown, Pa.	Lime, spreading on land	-	-	June	22
Whities, Thomas A.	Bellevontaine, Ohio	Plough	-	-	Jan.	14
Woodcock, Bancroft	Mount Pleasant, Pa.	Plough, self-sharpening	-	-	Jan.	26
Witherow, Samuel, as- signee of Sam'l Ogle	Adams co., Pa.	Do	-	-	Feb.	28
Wolf, George	Fairfield co., Ohio	Do	-	-	June	27
Weaver, John	Brownsville, Pa.	Do	-	-	Aug.	17
Zellnor, Arnold	Giles co., Ten.	Flax and hemp, breaking and dressing	-	-	Oct.	25

LIST OF PATENTS—FACTORY MACHINERY.

INVENTIONS OR DISCOVERIES.	NAMES OF PATENTEES.	RESIDENCE.	WHEN ISSUED.
Andirons, manufacturing	William Wilson	Greenfield, Mass.	1832.
Axes, machine for making	Josiah Pratt, jr.	Charlomet, Mass.	May 16
Do oval	Asahel Collins	Winstead, Conn.	April 6
Do hatchets, &c.	David Hinman	Winchester, Conn.	Oct. 25
Do	Benjamin Smith	Canton, Conn.	Nov. 3
Bells for cows or sheep, brazing and bronzing them	Samuel Booth	Berlin, Conn.	Do 2
Bleaching cotton linens, &c.	John B. Green	Portsmouth, N. H.	June 1
Boards, &c., mode of seasoning, drying, and fitting, for use	Abraham Plumb	Buffalo, N. Y.	May 29
Brand for barrels	Samuel Huse	Newburyport, Mass.	April 6
Brush, broom, and other handles	Evans Turk	Harrisburgh, Pa.	June 28
Can for conveying milk to market	Artemas Crittenden	West Turin, N. Y.	May 18
Candles, machine for dipping	John Aborn	Trenton, N. J.	July 14
Card for carding wool, cotton, &c.	Edward Faber	Pittsburgh, Pa.	May 19
Do boards preparing for the handle, and finishing them	Homer Whittemore	Newtown, N. Y.	Jan. 24
Carding machine	Robert Bartlett	Ripley, Ohio	April 27
Do do	Luther Colburn	Fairfield, Vt.	Oct. 25
Cigars, fillers, machine for preparing	Joseph Collet	Lancaster, Pa.	Nov. 30
Cotton, machine for spreading and picking	John C. Whittin	Northbridge, Mass.	May 16
Felts, papermakers, washing and cleansing	Samuel E. Foster	Brattleborough, Vt.	July 20
Filtering for papermaking	Thomas Trench	Ithaca, N. Y.	May 25
Fur, machine for cutting from pelt	Denison Williams	New York	Do 26
Do do separating from hair	Charles Lockwood, Ransom Lockwood, and John Arnold,		Oct. 25
Glass, flattening	John J. Adams	Fairfield co., Conn. Washington, D. C.	Dec. 4 April 21

Glass, machine for blowing	-	-	-	Joshua Laird	-	Pittsburgh, Pa.	-	Dec.	14
Glasses, luminous, preparing for orreries, &c.	-	-	-	Morris J. Gardiner	-	York, Pa.	-	April	30
Gridirons	-	-	-	Fenner Bush and Lious Pratt	-	Meriden, Conn.	-	July	21
Grinding cylinders, called the traverse grinder	-	-	-	Jonathan Bridges	-	Troy, N. Y.	-	Do	24
Hair, picking, twisting, curling, &c., for mattresses, &c.	-	-	-	Aschel Green & Jason C. Osgood	-	Hamilton, N. Y.	-	Dec.	18
Hats, manufacturing	-	-	-	Joel Taylor and Charles Brown	-	Denbury, Conn.	-	Jan.	13
Do washing	-	-	-	Samuel Drinkhouse	-	Eastonborough, Pa.	-	Do	30
Do water proof	-	-	-	Richard Mills	-	Baltimore, Md.	-	Feb.	27
Do napping	-	-	-	Joseph Dart, jr., Wm. Wells, and Daniel Olmstead	-	Buffalo, N. Y.	-	May	12
Do bodies forming	-	-	-	Seth Graham	-	Fayette, Maine	-	Do	15
Do napping, application of hot water	-	-	-	Hiram Wortham and Garrard S. Petty	-	Lancaster, Ky.	-	July	9
Do water proofs, stiffening for	-	-	-	George W. Downs	-	Circleville, Ohio	-	Oct.	25
Do planking	-	-	-	George Page and Ed- win Page	-	Manchester, Conn.	-	Nov.	9
Iron, manufacturing sheet, boiler, slit, and bar, also castings	-	-	-	Norman Callender	-	Cumberland co., Pa.	-	Dec.	14
Lathe, turning	-	-	-	William Green	-	Bedford co., Tenn.	-	April	27
Do do	-	-	-	John Bisbee	-	Plainfield, Mass.	-	Nov.	8
Locks, manufacturing	-	-	-	James Meneely	-	Watervleit, N. Y.	-	Jan.	12
Nails, manufacturing wrought	-	-	-	Thomas W. Harvey	-	Jamesstown, N. Y.	-	Jan.	24
Nails, cutting and heading	-	-	-	Emerald Mason	-	Milton, Vt.	-	June	6
Do manufacturing	-	-	-	Freeman Palmer	-	Buffalo, N. Y.	-	Oct.	25
Do do wrought	-	-	-	John V. Green	-	New York	-	Dec.	28
Nets for horses	-	-	-	Henry Korn	-	Philadelphia, Pa.	-	June	22

LIST OF PATENTS—FACTORY MACHINERY—Continued.

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INVENTIONS AND DISCOVERIES.	NAMES OF PATENTERS.	RESIDENCE.	WHEN ISSUED.
Oil cloth, manufacturing by machinery -	Deborah Powers, ad- ministratrix of Wil- liam Powers -	Lansingburgh, N. Y.	1832.
Oakum, manufacturing from junk -	Ebenezer Cook -	Haddam, Conn.	Feb. 18
Paper, manufacturing for covering buildings -	Frederick A. Taft -	Dedham, Mass.	July 9
Do sizing -	John Ames -	Springfield, Mass.	May 11
Do manufacturing (re-issued October 25, 1832) -	Do -	Do do -	Sept. 1
Do press cylinder, hot and cold -	Ashael H. Jarvis and Thomas Trench -	Ithaca, N. Y.	1832.
Pins, manufacturing -	John J. Howe -	North Salem, N. Y.	Nov. 6
Pipes, coating with tin -	Thomas Ewbank -	New York -	June 22
Plane, double iron trying -	Wm. B. Reynolds -	St. Clairsville, Ohio -	May 16
Pliers, cutting -	Russel Curtis -	Springfield, Mass. -	July 7
Pulp strainer -	James Sawyer -	Newbury, Vt. -	Oct. 25
Do dresser -	Coleman Sellers -	Philadelphia, Pa. -	Jan. 21
Do preparing and dressing -	John Ames -	Springfield, Mass. -	June 6
Punching holes in raw hides -	William Angell -	Providence, R. I. -	Sept. 1
Do pressing, cutting, and slitting, iron, steel, &c., trim- ming hoes, saw plates, jointing and cutting the teeth of saws, and gumming them -	James Bennett -	Brutus, N. Y. -	July 19
Rags, machine for cleaning -	George Carriel -	Manchester, Conn. -	July 25
Do do and dusting -	Samuel E. Foster -	Brattleboro', Vt. -	Feb. 7
Rivets for coopers -	George-W. Sowle -	New Bedford, Mass. -	June 1
Roving, cotton -	John A. Bradshaw -	Foxborough, Mass. -	May 11
			Dec. 8

Ruling paper	-	-	-	-	Alfred Hathaway	Troy, Mass.	Do	31
Saws, manufacturing	-	-	-	-	Stephen Ustick	Washington, D. C.	Aug.	11
Saws, gumming saw mill	-	-	-	-	Jeremiah Case	Sodus, N. Y.	Oct.	25
Saw set for mills	-	-	-	-	Norman Urquhart	Madison co., Ala.	Feb.	7
Saw strainer	-	-	-	-	Tennis V. Le Roy and Abel andford	Newport, N. Y.	July	25
Screws, endless, cutting	-	-	-	-	John H. Shrader	Philadelphia, Pa.	Oct.	25
Shot, buck, manufacturing	-	-	-	-	John Snyder	New York	Jan	26
Silk, reel, for winding from cocoons	-	-	-	-	Eliphalet Snow	Mansfield, Conn.	Mar	16
Do	-	-	-	-	Charles G. Greene	Windsor, Vt.	May	31
Spade Socket	-	-	-	-	Charles Richmond and S. Caswell, jr.	Taunton, Mass.	July	19
Spinning wool, &c., and the manufacture of heavy fabrics	-	-	-	-	Wm. W. Calvert, Roy- al Southwick and Al- red Messenger	Lowell, Mass.	Mar.	31
Do do and cotton	-	-	-	-	David Newbrough	Riley township, Ohio	April	27
Spindle cotton	-	-	-	-	Nathaniel Rider	Dudley, Mass.	Nov.	3
Spools and bobbins, used in spinning revolving cutters for truing and equalizing the ends	-	-	-	-	Simeon Presbrey, jr.	Canton, Mass.	July	26
Spoons, manufacturing	-	-	-	-	Charles Goodyear	Philadelphia, Pa.	Aug.	11
Thrustle frame for spinning cotton	-	-	-	-	Seth Simmons	Providence, R. I.	Jan.	16
Turning chair tops	-	-	-	-	Horatio Cooke	New York	Nov.	30
Visors, leather, machine for cutting for caps	-	-	-	-	John Hawkins	Roxbury, Mass.	Feb.	20
Wrench rack	-	-	-	-	Henry King	Springfield, Mass.	Oct.	25
Yarn, machinery for dressing preparatory to weaving	-	-	-	-	Samuel Batchelder	Saco, Maine	June	22

LIST OF PATENTS—FACTORY MACHINERY.

NAMES OF PATENTEES.	RESIDENCE.	INVENTIONS OR DISCOVERIES.	WHEN ISSUED.
Ahorn, John -	Trenton, N. J. -	Candles, machine for dipping -	1839.
Adams, John J. -	Washington, D. C. -	Glass, flattening -	May 19
Ames, John -	Springfield, Mass. -	Pulp, preparing and dressing -	April 21
Do -	do -	Paper sizing -	Sept. 1
Do -	do -	Do manufacturing (re-issued October 25, 1832) -	Do 1
Do -	do -	Punching holes in raw hides -	1832.
Angell, William -	Povidence, R. I. -	Bells for cows or sheep, brazing and bronzing them -	May 14
Booth, Samuel -	Berlin, Conn. -	Carding machine -	1832.
Bartlett, Robert -	Ripley, Ohio -	Gridirons -	July 19
Bush, Fenner, and Li-	Meriden, Conn. -	Grinding cylinders, called the traverse grinder -	Do 24
nus Pratt -	Troy, N. Y. -	Lathe, turning -	Nov. 8
Bridges, Jonathan -	Plainfield, Mass. -	Punching, pressing, cutting, and slitting, iron, steel, &c., and	
Bisbee, John -	Brutus, N. Y. -	trimming hoes, saw plates, jointing and cutting the teeth of	
Bennett, James -	do -	saws, and gumming them -	July 25
Bradshaw, John A. -	Foxborough, Mass. -	Roving cotton -	Dec. 8
Batchelder, Samuel -	Saco, Maine -	Yarn, machinery for dressin, preparatory to weaving -	Dec. 22
Collins, Asahel -	Winstead, Conn. -	Axes, oval -	June 25
Crittenden, Artemus -	West Turin, N. Y. -	Can for conveying milk to market -	Oct. 25
Colburn, Luther -	Fairfield, Vt. -	Carding machine -	July 14
Callender, Norman -	Cumberland co., Pa. -	Iron, manufacturing sheet, boiler, slit, and bar, also castings -	Nov. 20
Cook, Ebenezer -	Haddam, Conn. -	Oakum, manufacturing from junk -	Dec. 14
Curtis, Russel -	Springfield, Mass. -	Pliers, cutting -	July 9
			Oct. 25

Carriell, George	Manchester, Conn.	-	Rags, machine for cleaning	-	Feb.	7
Case, Jeremiah	Sodus, N. Y.	-	Saws, gumming saw mill	-	Oct.	25
Calvert, Wm. W., Roy-	-	-	-	-	-	-
al Southwick, and	-	-	-	-	-	-
Alfred Messenger	Lowel, Mass.	-	Spinning wool, &c., and the manufacture of heavy fabrics	-	March	31
Cooke, Horatio	New York	-	Turning chair tops	-	Nov.	30
Dart, jr., Joseph, Wm.	-	-	-	-	-	-
Wells and Daniel	-	-	-	-	-	-
Omstead	Buffalo, N. Y.	-	Hats, napping	-	May	12
Downs, George W.	Circleville, Ohio	-	Do water proofs, stiffening for	-	Oct.	25
Drinkhouse, Samuel	Eastonborough, Pa.	-	Do washing	-	Jan.	30
Ewbank, Thomas	New York	-	Pipes, coating with tin	-	May	16
Faber, Edward	Pittsburgh, Pa.	-	Card, for carding wool, cotton, &c.	-	Jan.	24
Foster, Samuel E.	Brattleborough, Vt.	-	Felts, paper makers, washing and cleaning	-	May	25
French, Thomas	Ithaca, N. Y.	-	Filtering for paper making	-	Do	26
Foster, Samuel E.	Brattleboro, Vt.	-	Rags, machine for cleaning and dusting	-	June	1
Green, John B.	Portsmouth, N. H.	-	Bleaching cotton, linens, &c.	-	May	29
Green, Asahel, and	-	-	-	-	-	-
Jason C. Osgood	Hamilton, N. Y.	-	Hair, picking, twisting, curling, &c., for mattresses, &c.	-	Dec.	18
Graham, Seth	Fayette, Maine	-	Hat bodies, forming	-	May	15
Green, William	Bedford co., Tenn.	-	Lathe, turning	-	April	27
Green, John V.	New York	-	Nails, manufacturing wrought	-	Dec.	28
Greene, Charles G.	Windsor, Vt.	-	Silk reel	-	May	21
Goodyear, Charles	Philadelphia, Pa.	-	Spoons, manufacturing	-	Aug.	11
Gardiner, Morris J.	York, Pa.	-	Glasses, luminous, preparing for orreries, &c.	-	April	30
Hinman, David	Winchester, Conn.	-	Axes, hatchets, &c.	-	Nov.	2
Huse, Samuel	Newburyport, Mass.	-	Brand for barrels	-	June	28
Harvey, Thomas W.	Jamestown, N. Y.	-	Nails, manufacturing wrought	-	Jan.	24
Howe, John J.	North Salem, N. Y.	-	Pins, manufacturing	-	June	22
Hathaway, Alfred	Troy, Mass.	-	Ruling paper	-	Dec.	31
Hawkins, John	Roxbury, Mass.	-	Visors, leather, machine for cutting for caps	-	Feb.	20

LIST OF PATENTS—FACTORY MACHINERY—Continued.

NAMES OF PATENTEES.	RESIDENCE.	INVENTIONS OR DISCOVERIES.	WHEN ISSUED.
			1832.
Jervis, Asahel H., & Thomas French	Ithaca, N. Y.	Paper, press, cylinder, hot and cold	Nov. 6
Korn, Henry	Philadelphia, Pa.	Nets for horses	June 22
King, Henry	Springfield, Mass.	Wrench rack	Oct. 25
Lockwood, Charles, Ransom Lockwood, and John Arnold	Fairfield co., Conn.	Fur, machine for separating from hair	Dec. 4
Laird, Joshua	Pittsburgh, Pa.	Glass, machine for blowing	Do 14
Le Roy, Tennis V. and Abel Sandford	New York, N. Y.	Saw strainer	July 25
Mills, Richard	Baltimore, Md.	Hats, water proof	Feb. 27
Mencely, James	Watervleit, N. Y.	Locks, manufacturing	Jan. 12
Maffit, Joseph	Lancaster, Pa.	Cigars, Filler's machine for preparing	May 16
Mason, Emerald	Milton, Vt.	Nails, cutting and heading	June 6
Newborough, David	Riley township, Ohio	Spinning wool and cotton	April 27
Page, George, and Edwin Page	Manchester, Conn.	Hats, planing	Nov. 9
Pratt, jr., Josiah	Charlemonnt, Mass.	Axse, machine for making	April 6
Plumb, Abraham	Buffalo, N. Y.	Boards, &c., mode of seasoning, drying, and fitting, for use	April 6
Palmer, Freeman	Do do	Nails, manufacturing	Oct. 25
Powers, Deborah, administratrix of William Powers	Lansingburg, N. Y.	Oil cloth, manufacturing by machinery	Feb. 18
Presbery, jr., Simeon	Canton, Mass.	Spools and bobbins, used in spinning revolving cutters for trueing and equalizing the ends	July 26

Reynolds, William B.	St. Clairsville, Ohio	Plane, double iron trying	-	-	July	7
Richmond, Charles, and S. Caswell, jr.	Taunton, Mass.	Spade socket	-	-	July	13
Rider, Nathaniel	Dudley, Mass.	Spindle cotton	-	-	Nov.	3
Smith, Benjamin	Canton, Conn.	Axes	-	-	Nov.	2
Sawyer, James	Newbury, Vt.	Pulp strainer	-	-	Jan.	21
Sellers, Coleman	Philadelphia, Pa.	Do dresser	-	-	June	6
Sowle, George W.	New Bedford, Mass.	Rivets for coopers	-	-	May	11
Shrader, John H.	Philadelphia, Pa.	Screws, endless, cutting	-	-	Oct.	25
Snyder, John	New York	Shot, buck, manufacturing	-	-	Jan.	26
Snow, Eliphalet	Mansfield, Conn.	Silk reel, for winding from cocoons	-	-	Mar.	16
Simmons, Seth	Providence, R. I.	Throstle frame for spinning cotton	-	-	Jan.	16
Turk, Evans	Harrisburg, Pa.	Brush, brooms, and other handles	-	-	May	18
Taylor, Joel, and Charles						
Brown	Danbury, Conn.	Hats, manufacturing	-	-	Jan.	13
Taft, Frederick A.	Dedham, Mass.	Paper, manufacturing for covering buildings	-	-	May	11
Ustick, Stephen	Washington, D. C.	Saws, manufacturing	-	-	Aug.	11
Urquhart, Norman	Madison, co., Ala.	Saw set for mills	-	-	Feb.	7
Wilson, William	Greenfield, Mass.	Andirons, manufacturing	-	-	May	16
Whittemore, Homer	Newton, N. Y.	Card, boards preparing for the handle, and finishing them	-	-	April	97
Whitton, John C.	Northbridge, Mass.	Cotton, machine for spreading and picking	-	-	July	20
Williams, Denison	New York	Fur, machine for cutting from pelt	-	-	Oct.	25
Worham, Hiram, and Garrard S. Petty	Lancaster, Ky.	Hats, napping, application of hot water	-	-	July	9

LIST OF PATENTS—COMMON TRADES.

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INVENTIONS OR DISCOVERIES.	NAMES OF PATENTEES.	RESIDENCE.	WHEN ISSUED.	
			1838.	
Awl haft	David M. Smith	Gilsum, N. H.	Oct.	25
Barrels, manufacturing, for oil	Barnabas Springer	Henry co., Ind.	April	27
Bed bugs, destroying by steam	Benjamin Overman	Greenboro, N. C.	June	22
Beadsteads	Cornelius Van Noy	Lexington, Ky.	Jan.	10
Do fastenings	Hardin Branch	New York	April	18
Do sofas, settees, &c.	John P. Allen	Manchester, Mass.	May	19
Do	Bethel Judd	New London, Conn.	Do	25
Do	Henry Reisinger	York, Pa.	Aug.	18
Do fastenings	John Richman	Lancaster, Ohio	Dec.	28
Board, shearing	Simon Willard	Cincinnati, Ohio	May	9
Books, machine for cutting	Archibald O Douglass	Philadelphia, Pa.	Jan.	6
Boots and shoes, machine for pegging	Frederick Gray	Rowley, Mass.	April	6
Do machine for crimping	Silas Witherby	Essex, Vt.	May	12
Do and shoes, attaching soles to gum elastic	Wait Webster	New York	May	19
Do crimping	Lewis Lucas	Barre, Vt.	July	25
Boxes, manufacturing of wood	Harrison Holland	Belcherstown, Mass.	April	13
Bricks, machine for moulding	John Drummond	Whitestown, N. Y.	March	6
Do do and pressing	Daniel Barnford	Deerfield, N. Y.	April	28
Do do do	David Phillips	Natchez, Miss.	June	23
Do stock, tile, &c.	David Flagg, jr., and Amos Parker	Sweden, N. Y.	Dec.	28
Buildings, securing against fire	Ebenezer Mix	Batavia, N. Y.	Nov.	23
Bungs, manufacturing	Robert Barlow	Philadelphia, Penn.	Dec.	1
Churn	John H. Bruner	McKean, Ohio	Feb.	9
Do revolving dasher	Hardin Branch	New York	April	18

Churn, balanced lever	-	-	-	Caleb Angevine	New York	April 19
Do	-	-	-	Jedediah Darrow	Warren, Ohio	June 2
Do	-	-	-	Wm. Loomis	Ashford, Conn.	June 7
Do lever	-	-	-	Jesse Ladd	Holderness, N. H.	June 22
Do	-	-	-	Simeon Power	Lawrenceville, Pa.	June 23
Do	-	-	-	Isaac Van Gorder	Warren, Ohio	July 27
Do	-	-	-	James Bennett	Brutus, N. Y.	July 25
Do	-	-	-	Caleb C. Knowles	Fayette, Maine	Aug. 2
Do	-	-	-	Anthony C. Carrel	Granville, Ohio	Oct. 25
Do	-	-	-	Joseph Rickey	Centre township, O.	Oct. 25
Do	-	-	-	Eli Willemis	Salem township, O.	Oct. 25
Clay, machine for mixing, and making brick	-	-	-	David Phillips and John Drummond	Whitestown, N. Y.	May 15
Do do do	-	-	-	Jesse Chapman	Mad river township, O.	June 2
Clothes, vice for fastening them on a line	-	-	-	Samuel Prior	Salem, N. J.	Mar. 22
Cork, applied to filling beds, mattresses, &c.	-	-	-	Stephen Bates	Boston, Mass.	Dec. 28
Crackers, ship biscuit, &c.	-	-	-	John and Charles Bruce	King's co., N. Y.	Mar. 13
Diamonds, setting	-	-	-	John Dickinson	Philadelphia, Pa.	Nov. 30
Doors	-	-	-	Eastman R. Ball	Oswego, N. Y.	April 5
Do fastenings for	-	-	-	Calvin Washburn	Bridgewater, Mass.	April 18
Do locks	-	-	-	James Kyle	New York	May 18
Do do or spring catch	-	-	-	Robert J. Byram	Boston, Mass.	May 31
Do spring vertical wire	-	-	-	John Codman	Do	Dec. 28
Dough, machine for kneading	-	-	-	Nimrod C. Willett	Jonesborough, Ten.	Dec. 28
Falleys, bending	-	-	-	Tristram Kimball	Salem, N. H.	Jan. 16
Garments, tailor's square for delineating	-	-	-	Andrew Wiswell	Exeter, N. H.	June 7
Handles to hoes, &c., mode of fastening	-	-	-	Reneer Dare	Greenwich, N. J.	Feb. 14
Hones, glass	-	-	-	Alexander Gordon and John P. Bakewell	Pittsburgh, Pa.	Dec. 8
Laths, revolving machine for cutting	-	-	-	Simon Willard	Cincinnati, Ohio	Mar. 16
Do machine for cutting	-	-	-	Ira Carpenter	Do	May 2

LIST OF PATENTS—COMMON TRADES—Continued.

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INVENTIONS OR DISCOVERIES.	NAMES OF PATENTEES.	RESIDENCE.	WHEN ISSUED.
Marble, sawing, with a revolving saw -	Isaac D. Kirk	Philadelphia, Pa.	1832.
Do do &c. (date of patent July 3, 1832) -	Do	Do	July 3
Moccasins, socks, &c. -	Denison Williams	New York	Dec. 28
Pegging machine -	William B. Randall	Fayette, Maine	Oct. 25
Pegs or pins, pointing -	James Hull	No. Bridgewater, Mass.	Aug. 6
Planeing wood, horizontal knife and roller plane -	Uri Emmons	New York	July 7
Do boards, grinding and polishing marble, and sawing tenons with circular saws -	Moses Lancaster	N. Liberties, Phila.	March 6
Planeing, tongueing, and grooving, boards -	John Drummond	Whitestown, N. Y.	April 5
Do machine -	Thomas F. Fuller	Bristol, Pa.	Do 27
Ruler, parallel -	James Carrington	Wallingford, Conn.	Oct. 25
Saddle-trees, harness -	Philo Washburn	Taunton, Mass.	April 14
Do steel spring worm -	George Pritchard	Clarksburg, Va.	Mar. 8
Sausage meat, machine for cutting -	John Brannan	Baltimore, Md.	May 3
Do do do -	Charles Otis	Greene, Pa.	Mar. 8
Sawing wood by hand, horse, or water, power -	Jackson Blood, and Samuel A. Hurd	Fairfield co., Conn.	Nov. 29
Do circles -	Thomas Armstrong	Anderson township, O.	May 22
Shingle sawing machine -	Duncan McArthur and Thomas McKibbin	Urbana, Ohio	July 18
Do cutting machine -	George Wolf	Clear creek townsh'p, O.	Feb. 15
Do staves, headings, &c. -	David Flaggs, Jr.	New York	Mar. 22
Stairs, circular elliptical, or conic -	Edward B. Smith	Buffalo, N. Y.	Dec. 28
Staves, jointing by a circular saw, and for sawing bilging staves, by means of convex concave circular saws -	Philip Cornell	Brutus, N. Y.	Nov. 15
			April 11

Stone or marble, machine for dressing	-	Clark Miller, jr.	Williamsport, Pa.	Feb. 14
Stock for the neck	-	Edmund Budger	Philadelphia, Pa.	April 5
Taps, for soles of boots and shoes, machine for hardening	-	Suillman Knowlton	Athol, Mass.	Oct. 25
Tools, machine for holding and guiding	-	George A. Medeira	Chambersburg, Pa.	April 19
Washing machine	-	Sylvanus Hathaway	Massillon, Ohio	Feb. 13
do do	-	Wm. McAll, H. H. Higgins, and Reuben G. Rogers	Athens, Ala.	15
Do do and scouring, horizontal double	-	Noah Morrison and John Lewis	Uniontown, Pa.	Mar. 14
Do do	-	David G. Wilson	Machias, Maine	April 6
Do do	-	Simeon Savage	E. Machias, Maine	11
Do do	-	Silvanus Minton	Pendleton, S. C.	14
Do do	-	Benton P. Coston	Philadelphia, Pa.	27
Do do for cloth in garments, double cylinder	-	John S. Pulsifer and Ebenezer Pulsifer	Ipswich, Mass.	May 21
Do do	-	Ezra Fiak	Fayette, Maine	25
Do do called the wash drum	-	Ebenezer Mayo	Hallowell, Maine	26
Do do	-	Ira Avery	Springfield, Pa.	June 22
Do do	-	Nathan D. Howe and James McCollam	New Petersburg, O.	Do 30
Do do	-	Isaac S. Wright	Weedsport, N. Y.	July 18
Do do	-	Watson W. Woodburn	Greensburg, N. C.	Do 18
Do do rolling for clothes, wool, and scouring leather	-	Camron Moore	Guilford co., N. C.	Oct. 30
Do do	-	Wm. H. Cumming	Guilford co., N. C.	Nov. 3
Do do	-	Eli Nichols	Union township, O.	24
Do do	-	Jacob Lindsey	Canajoharie, N. Y.	Dec. 28
Do do	-	Thomas Pearce	Hartwick, N. Y.	Dec. 29
Do do and drying clothes	-	Giles Dayton and Andrew Mallory	Westfield, Mass.	April 27
Whip engine, for turning stocks	-	Charles Thomson	Poughkeepsie, N. Y.	Dec. 6
Window sashes, manufacturing, (date of patent Dec. 6, 1830)	-			

LIST OF PATENTS—COMMON TRADES.

NAMES OF PATENTEES.	RESIDENCE.	INVENTIONS OR DISCOVERIES.	WHEN ISSUED.
Allen, John P.	Manchester, Mass.	Bedsteads, sofas, settlees &c.	1832.
Angevine, Caleb	New York	Churn, balanced lever	May 19
Armstrong, Thomas	Anderson township, O.	Sawing circles	April 19
Avery, Ira	Springville, Pa.	Washing machine	July 18
Bamford, Daniel	Deerfield, N. Y.	Bricks, machine for moulding and pressing	June 22
Branch, Hardin	New York	Bedstead fastenings	April 28
Barlow, Robert	Philadelphia, Pa.	Bungs, manufacturing	April 18
Bruner, John H.	McKean, Ohio	Churn	Dec. 1
Branch, Hardin	New York	Do revolving dasher	Feb. 9
Bennett, James	Brutus, N. Y.	Do	April 18
Bates, Stephen	Boston, Mass.	Cork, applied to filling beds, mattresses, &c.	July 25
Bruce, John, and Cha's			Dec. 28
Bruce			
Ball, Eastman R.	King's co. N. Y.	Crackers, ship biscuits, &c.	Mar. 13
Byram, Robert J.	Oswego, N. Y.	Doors	April 5
Blood, Jackson, and	Boston, Mass.	Door locks or spring catch	May 31
Samuel A. Hurd			
Badger Edmund	Fairfield co., Conn.	Sawing wood by hand, horse, or water power	Do 22
Brannan, John	Philadelphia, Pa.	Stock for the neck	April 5
Carrel, Anthony C.	Baltimore, Md.	Sausage meat, machine for cutting	Mar. 8
Chapman, Jesse	Granville, Ohio	Churn	Oct. 25
Carpenter, Ira	Mad river township, O.	Clay, machine for mixing	June 2
Carrington, James	Cincinnati, Ohio	Laths, machine for cutting	May 2
Gornell, Philip	Wallingford, Conn.	Ruler, parallel	April 14
	Brutus, N. Y.	Staves, jointing by a circular saw, and for sawing bilging staves by means of convex concave circular saws	Do 11

Coston, Benton P.	Philadelphia, Pa.	Washing machine	-	-	April 27
Cumming, William H.	Guilford co., N. C.	Do do	-	-	Nov. 3
Codman John	Boston, Mass.	Door spring, vertical wire	-	-	Dec. 28
Douglass, Archibald O.	Philadelphia, Pa.	Books, machine for cutting	-	-	Jan. 6
Drummond, John	Whitestown, N. Y.	Bricks, machine for moulding	-	-	Mar. 6
Darrow, Jedediah	Warren, Ohio	Churn	-	-	June 6
Dickinson, John	Philadelphia, Pa.	Diamonds, setting	-	-	Nov. 30
Dare, Reneer	Greenwich, Conn.	Handles to hoes, &c., mode of fastening	-	-	Feb. 17
Drummond, John	Whitestown, N. Y.	Planeing, tongueing, and grooving boards	-	-	April 27
Dayton, Giles, and Andrew Mallory	Westfield, Mass.	Whip engine, for turning stock	-	-	Do 27
Emmons, Uri	New York	Planeing wood, horizontal knife and roller plane	-	-	March 6
Flagg, jr., David, and Amos Parker	Sweden, N. Y.	Brick, stock, tile, &c.	-	-	Dec. 28
Fuller, Thomas F.	Bristol, Pa.	Planeing machine	-	-	Oct. 25
Flagg, jr., David	New York	Shingle, stave, headings, &c.	-	-	Dec. 28
Fisk, Ezra	Fayette, Maine	Washing machine	-	-	May 25
Gray, Frederick	Rowley, Mass.	Boots and shoes, machine for pegging	-	-	April 6
Gordon, Alexander, and John P. Bakewell	Pittsburgh, Pa.	Hones, glass	-	-	Dec. 8
Holland, Harrison	Belcherstown, Mass.	Boxes, manufacturing of wood	-	-	April 13
Hall, James	No. Bridgewater, Mass.	Pegs or pins, pointing	-	-	July 7
Hathaway, Sylvanus	Massillon, Ohio	Washing machine	-	-	Feb. 13
Howe, Nathan D., and James McCollam	New Petersburg, O.	Washing machine	-	-	June 30
Judd, Bethel	New London, Conn.	Bedsteads	-	-	May 25
Kyle, James	New York	Door locks	-	-	May 18
Knowles, Caleb C.	Fayette, Maine	Churn	-	-	Aug. 2
Kimball, Tristram	Salem, N. Hamp.	Felleys, bending	-	-	Jan. 16
Kirk, Isaac D.	Philadelphia, Pa.	Marble, sawing, with a revolving saw	-	-	July 3
Kirk, Isaac D.	Do do	do &c., (date of patent July 3, 1832)	-	-	Dec. 28

LIST OF PATENTS—COMMON TRADES—Continued.

NAMES OF PATENTEES	RESIDENCE	INVENTIONS OR DISCOVERIES	WHEN ISSUED.	
			1832	
Knowlton, Stillman	Athol, Mass.	Taps for soles of boots and shoes, machine for hardening	Oct.	25
Lucas, Lewis	Barre, Vt.	Boots cramping	July	25
Loomis, William.	Ashford, Conn.	Churn	June	7
Ladd, Jesse	Holderness, N. H.	Do lever	Do	22
Lancaster, Moses	N. Liberties, Phila.	Planing boards, grinding and polishing marble, and sawing tenons with circular saws	April	5
Lindsey, Jacob	Canajoharie, N. Y.	Washing machine	Dec.	28
Mix, Ebenezer	Batavia, N. Y.	Buildings, securing against fire	Nov.	22
McArthur, Duncan, and Thomas McKibben	Urbana, Ohio	Shingle sawing machine	Feb.	15
Miller, jr., Clark	Williamsport, Pa.	Stone or marble, machine for dressing	Do	14
Medeira, George A.	Chambersburg, Pa.	Tools, machine for holding and guiding	April	19
McAll, William, H. H. Higgins, and Reuben G. Rogers	Athens, Ala.	Washing machine	Feb.	15
Morrison, Noah, and John Lewis	Uniontown, Pa.	Washing machine, and scouring, horizontal double	Mar.	14
Minton, Sylvanus	Pendleton, S. C.	Do do	April	14
Mayo, Ebenezer	Hallowell, Maine	Do do called the wash drum	May	26
Moore, Camm	Guilford co., N. C.	Do do rolling for clothes, wool, and scouring leather	Oct.	30
Nicholls, Eli	Union township, O.	Do do cylindrical	Nov.	24
Overman, Benjamin	Greensboro', N. C.	Bed bugs, destroying by steam	June	22
Otis, Charles	Greene, Pa.	Sausage meat, machine for cutting	Nov.	29
Philips, David	Natchez, Miss.	Bricks, machine for moulding and pressing	June	23
Pritchard, George	Clarksburg, Va.	Saddle, steel spring worm	May	3
Power, Simeon	Lawrenceville, Pa.	Churn	June	23

Philips, David, and John	Whitestown, N. Y.	Clay, machine for mixing and making brick	May 15
Drummond	Salem, N. J.	Clothes, vice for fastening them on a line	March 22
Prior, Samuel	Ipswich, Mass.	Washing machine, for cloth in garments, double cylinder	May 21
Pulsifer, John S., and	Hartwick, N. Y.	Do do and drying clothes	Dec. 29
Ebenezer Pulsifer	York, Pa.	Bedsteads	Aug. 18
Pierce, Thomas	Lancaster, O.	Do fastenings	Dec. 28
Reisinger, Henry	Centre township, O.	Churn	Oct. 25
Richman, John	Fayette, Maine	Pegging machine	Aug. 6
Rickey, Joseph	Gilsum, N. H.	Awl, haft	Oct. 25
Randall, William B.	Henry co., Indiana	Barrels, manufacturing for oil	April 27
Smith, David M.	Buffalo, N. Y.	Stairs, circular, elliptical, or conic	Nov. 15
Springer, Barnabas	E. Machias, Maine	Washing machine	April 11
Smith, Edward B.	Poughkeepsie, N. Y.	Window sashes, manufacturing (date of patent Dec. 6, 1830)	Dec. 6
Savage, Simcoe	Warren, Ohio	Churn	June 27
Thompson, Charles	Lexington, Ky.	Bedsteads	Jan. 10
Van Noy, Cornelius	Cincinnati, Ohio	Board shearing	May 9
Willard, Simon	Essex, Vt.	Boots, machine for crimping	Do 12
Witherby, Silas	New York	Do and shoes, attaching soles to gum elastic	Do 19
Webster, Wait	Salem township, O.	Churn	Oct. 25
Wilemin, Eli	Bridgewater, Mass.	Doors, fastenings for	April 18
Washburn, Calvin	Jonesborough, Tenn.	Dough, machine for kneading	Dec. 28
Willett, Nimrod C.	Exeter, N. H.	Garments, tailors' square for delineating	June 7
Wiswell, Andrew	Cincinnati, Ohio	Laths, revolving machine for cutting	Mar. 16
Willard, Simon	Taunton, Mass.	Saddle trees, harness	Do 8
Washburn, Philo	Clear creek towns'p, O.	Shingle cutting machine	Do 22
Wolf, George	Machias, Maine	Washing machine	April 6
Wilson, David G.	Woodsport, N. Y.	Do do	July 18
Wright, Issac S.	Greensburgh, N. C.	Do do	July 18
Woodburn, Watson W.	New York	Moccasins socks, &c.	Oct. 25
Williams, Dennison			

LIST OF PATENTS—LAND WORKS.

INVENTIONS OR DISCOVERIES.	NAMES OF PATENTEES.	RESIDENCE.	WHEN ISSUED.
Cars, railroad -	Samuel Snyder Isaac Cooper	Lancaster, Pa. Baltimore, Md.	1832. Nov. 10 Oct. 25
Carriages for railroads -			
Cog wheels, for propelling railway and locomotive cars up inclined planes -	William Bent S. H. Long	Philadelphia, Pa. Do do	25 28
Locomotive steam engine and other railroad carriages -			
Rail carriage -	John C. Blauvelt Jedediah Richards	Rockland co., N. Y. Elbridge, N. Y.	11 9
Railways, and t&ars used thereon -			
Stumps, machine for extracting, and removing houses -	John E. Larkin William Howard	Salem, N. Y. Baltimore, Md.	25 2
Switches or turn outs for railways -			
Wheels and axes of locomotive engines, and in rails for the road	Richard Berrian Dean Walker	New York Gunpowder, Md.	13 28
Do for cars, drilling and boring -			

LIST OF PATENTS--LAND WORKS.

NAMES OF PATENTERS.	RESIDENCE.	INVENTIONS OR DISCOVERIES.	WHEN ISSUED.
Bent, William	Philadelphia, Pa.	Cog wheels, for propelling railway and locomotive cars up inclined planes	1832. Oct. 25
Blauvelt, John C.	Rockland co., N. Y.	Rail carriage	July 11
Berrian, Richard	New York	Wheels and axles of locomotive engines, and in rails for the road	Nov. 13
Cooper, Isaac	Baltimore, Md.	Carriages for railroads	Oct. 25
Howard, William	Baltimore, Md.	Switches or turn-outs for railways	Aug. 2
Long, S. H.	Philadelphia, Pa.	Locomotive steam engine and other railroad carriages	Dec. 28
Larkin, John E.	Salem, N. Y.	Stumps, machine for extracting, and removing houses	Oct. 25
Richards, Jedediah	Elbridge, N. Y.	Railways, and cars used thereon	March 9
Snyder, Samuel	Lancaster, Pa.	Cars, railroad	Nov. 10
Walker, Dean	Gunpowder, Md.	Wheels for cars, drilling and boring	Dec. 28

LIST OF PATENTS—NAVIGATION.

INVENTIONS OR DISCOVERIES.		NAMES OF PATENTERS.		RESIDENCE.		WHEN ISSUED.	
Binnacle lamps	-	-	Wm. Lawrence	-	Meriden, Conn.	1832.	Nov. 14
Boats and other vessels, constructing	-	-	Albert Dorman	-	Norfolk, Va.	-	Oct. 25
Docks, dry	-	-	David Brown	-	New York	-	Feb. 11
Do floating screw	-	-	Stephen F. Stinchfield	-	New Orleans, La.	-	April 27
Ice, steamboat	-	-	Robert Irvine	-	Baltimore, Md	-	Jan. 13
Plugs for ships, cutting, by a centre point spring bit	-	-	Daniel Flint	-	Nobleborough, Maine	-	April 19
Propelling steamboats and other vessels	-	-	John Sheffield and Jo-	-	-	-	-
Do boats	-	-	nas Ingraham	-	Erie co., N. Y.	-	May 17
Railway, marine	-	-	Jarvis Ring	-	Ogden, N. Y.	-	Oct. 25
Steering ships, &c.	-	-	Leonard White	-	Norfolk, Va.	-	Nov. 15
Truss for vessels	-	-	Elijah Soule	-	Duxbury, Mass.	-	Nov. 3
Ventilating vessels, and purifying the air in them	-	-	Jonathan T. Quimby	-	Belfast, Maine	-	Jan. 30
Water, saving, in passing boats through canal locks	-	-	Jesse Remington	-	Baltimore, Md.	-	March 1
Wind and gin for loading vessels	-	-	Jac. Dewees	-	Pottsville, Pa.	-	Dec. 31
	-	-	Ebenezer Allen	-	New York	-	Feb. 29

LIST OF PATENTS—NAVIGATION.

NAMES OF PATENTEES.	RESIDENCE.	INVENTIONS OR DISCOVERIES.	WHEN ISSUED.
Allen, Ebenezer	New York	Winch and gin for loading vessels	1832.
Brown, David	Do	Docks, dry	Feb. 29
Dorman, Albert	Norfolk, Va.	Boats and other vessels, constructing	Do 11
Deweese, Jac.	Pottsville, Penn.	Water, saving, in passing boats through canal locks	Oct. 25
Flint, Daniel	Nobleborough, Maine	Plugs for ships, cutting, by a centre point spring-bit	Dec. 31
Irvine, Robert	Baltimore, Md.	Ice, steamboat	April 19
Lawrence, William	Meriden, Conn.	Binnacle lamps	Jan. 12
Quimby, Jonathan T.	Belfast, Maine	Truss for vessels	Nov. 14
Ring, Jarvis	Ogden, N. Y.	Propelling boats	Jan. 30
Remington, Jesse	Baltimore, Md.	Ventilating vessels, and purifying the air in them	Oct. 25
Stinchfield, Stephen F.	New Orleans, La.	Docks, floating screw	March 1
Sheffield, John, and Jo-	Erie co., N. Y.	Propelling steamboats and other vessels	April 27
nas Ingraham	Duxbury, Mass.	Steering vessels	May 17
Soule, Elijah	Norfolk, Va.	Railway, marine	Nov. 3
White, Leonard			Do 15

LIST OF PATENTS—CALORIFIC AND STEAM APPARATUS.

INVENTIONS OR DISCOVERIES.	NAMES OF PATENTEES.	RESIDENCE.	WHEN ISSUED.
			1832.
Alcohol, used in stiffening hats, method of extracting by the process of distillation	Wm. McCay	Northumberland, Pa.	June 22
Baker, reflecting tin	Wm. Prescott	Boston, Mass.	May 24
Do and roaster, double reflecting	Samuel Haasey	Rensselaerville, N. Y.	Dec. 28
Bath, steam, applying simple or medicated	Boyd Reilley	Philadelphia, Pa.	July 31
Do cot elastic	W. C. Palmer, M. D.	New York	Nov. 24
Beer or ale, restoring sour or musty, to its original purity by re-brewing	Moses Granger	Lowville, N. Y.	Jan. 11
Beer, spruce, manufacturing	Geo. Jones	Boston, Mass.	Do 27
Boilers, mode of supplying with water	Jesse Fox	Lowel, Mass.	Mar. 14
Chimneys, preventing smokey, and extinguishing fire in them	Jer. Sullivan	Washington, D. C.	April 27
Cooking apparatus	Samuel D. Day and Wm. T. Day	Westfield, Mass.	June 8
Do do	James Bennett	Brutus, N. Y.	July 25
Distilling	Jacob Miller	Lancaster, Pa.	Feb. 16
Do	Lewis Johnston	Easton, Pa.	Nov. 9
Fire-places, building and altering, for burning coal	Artemas Terrell	Boston, Mass.	Oct. 25
Do fenders, shaping	Thomas Thomas and Robert Fuller	New York	Nov. 19
Forge backs, and for other fires, where a blast is required	Philo C. Curtis	Utica, N. Y.	March 27
Do do for fires requiring a blast	Asa Graham	Hamilton, N. Y.	Dec. 15
Furnace blast, for smelting iron ore	Thomas Gregg	Connellsville, Pa.	May 22
Do hot air, and bake-oven, and heating rooms	Jacob Stahl	Baltimore, Md.	Do 29
Gas lamp	Solomon Andrews	Perth Amboy, N. J.	May 10
Grate, common fire	James Atwater	New Haven, Conn.	Oct. 25

Heat, evolution and management, *being the original improvements for rendering combustion more uniform and more intense by the uniform supply of coal and air which have been previously heated, and also of applying the heat evolved by said elements*, (date of patent March 26, 1828) -

Heat, evolution and management, *being the original rotary grate and flue for burning anthracite coal*, (date of patent March 23, 1826) -

Heat, abstracting, from smoke by basket grates -

Heating carriages, &c. -

Lamps, for burning compound spirits or oil -

Do do tallow, lard, bees wax, &c. -

Lightning, protecting vessels from it, in or out of port -

Lime kiln for athracite coal -

Oven, tin bake -

Packing for steam engines -

Salt, manufacturing -

Smoke ventilator -

Steam, generating and applying high -

Do increasing the power of -

Do and power engine -

Do engine and its operation -

Do do rotary -

Do applying, to machinery -

Do engine rotary -

Stove, cooking, and fire place -

Do do -

Do anthracite coal -

Do coal cooking -

Do and furnace for coal -

Do portable cooking -

Eliphalet Nott	-	Schenectady, N. Y.	Sept. 17
Do	do	Do	Sept. 17
Daniel Steinhauer	-	Philadelphia, Pa.	Dec. 13
Alex'r McWilliams	-	Washington, D. C.	Nov. 29
Wm. Magee	-	New York	June 27
Norman Rublee	-	Montpelier, Vt.	Dec. 4
Elisha L. Keen	-	New York	June 27
Samuel Griscom	-	Reading, Pa.	Do 26
Wm. Lewis	-	Franklin, N. Y.	Jan. 6
William V. Grinnel	-	Middletown, Conn.	April 5
Calvin Guiteau.	-	Geddes, N. Y.	Oct. 25
Silas Smith	-	Hamilton, Ohio	Mar. 17
Benjamin Phillips	-	Philadelphia, Pa.	Jan. 31
N. P. Goodell	-	Kirtland, Ohio	June 23
Stacy Costill	-	Philadelphia, Pa.	Feb. 20
La Fayette Tibbitts	-	New Glasgow, Va.	June 22
Luther Carman	-	Oxford, Maine	July 16
Seth Boyden	-	Newark, N. J.	Oct. 31
William Jones	-	Bradford, Vt.	Nov 10
Edward Potter	-	Providence, R. I.	May 8
Horace Bartlett	-	Bridgeport, Conn.	Do 12
Jordan L. Mott	-	New York	Do 30
David Gassner	-	Do	July 11
Ephraim Baldwin	-	Gibbonsville, N. Y.	Do 19
Stephen J. Gold	-	Cornwall, Conn.	Aug. 29

LIST OF PATENTS—CALORIFIC AND STEAM APPARATUS—Continued.

INVENTIONS OR DISCOVERIES.	NAMES OF PATENTEES.	RESIDENCE.	WHEN ISSUED.
			1839.
Stove, anthracite coal, adapted to open fire places	-	-	Oct. 25
Do - - - - -	-	-	Nov. 2
Do cooking - - - - -	-	-	Dec. 17
Do do - - - - -	-	-	Dec. 7
Do and chimneys, building - - -	-	-	Dec. 23
Tin kitchen - - - - -	-	-	June 14
Valve, of the vibratory steam engine	-	-	Jan. 20
Do sliding for steam engine	-	-	Do 20
Do wing gudgeon for engine	-	-	Do 20
Do piston safety - - - - -	-	-	Do 30
Do face plate - - - - -	-	-	April 13
Warming rooms, and management of heat	-	-	Feb. 6
Wine, making, from cider - - -	-	-	Dec. 1
	Eliphalet Nott	Schenectady, N. Y.	
	Nathan Parish	Mendon, N. Y.	
	Henry Stanley	Poultney, Vt.	
	Henry A. Foot	Dover, N. H.	
	Asa Graham	Rumford, Maine	
	George Richardson	South Reading, Mass.	
	Thomas Holloway	Philadelphia, Pa.	
	Do do	Do do	
	Do do	Do do	
	John C. Douglas	New York	
	Stacy Costill	Philadelphia, Pa.	
	Robert B. Varden	Baltimore, Md.	
	Jacob Hugus	Hempfield, Pa.	

LIST OF PATENTS—CALORIFIC AND STEAM APPARATUS.

NAMES OF PATENTEES.	RESIDENCE.	INVENTIONS OR DISCOVERIES.	WHEN ISSUED.
Andrews, Solomon	Perth Amboy, N. J.	Gas lamp	1832.
Atwater, James	New Haven, Conn.	Grate, common fire	May 10
Bennet, James	Brutus, N. Y.	Cooking apparatus	Oct. 25
Boyden, Seth	Newark, N. J.	Steam, applying, to machinery	July 25
Bartlett, Horace	Bridgeport, Conn.	Stove, cooking	Oct. 31
Baldwin, Ephraim	Gibbonsville, N. Y.	Stove and furnace for coal	May 12
Curtis, Philo C.	Utica, N. Y.	Forge backs, and for other fires where a blast is required	July 19
Costigli, Stacy	Philadelphia, Pa.	Steam and power engine	March 27
Do	Do	Valve, face plate	Feb. 20
Carman, Luther	Oxford, Maine	Steam engine, rotary	April 13
Day, Samuel D., and William T. Day	Westfield, Mass.	Cooking apparatus	July 16
Douglas, John C.	New York	Valve, piston safety	June 8
Fox, Jesse	Lowell, Mass.	Boilers, mode of supplying with water	Jan. 30
Foot, Henry A.	Dover, N. H.	Stove, cooking	Mar. 14
Granger, Moses	Lowville, N. Y.	Beer or ale, restoring sour or musty, to its original purity by re- brewing	Dec. 7
Graham, Asa	Hamilton, N. Y.	Forge backs, for fires requiring a blast	Jan. 11
Gregg, Thomas	Connellsville, Pa.	Furnace blast, for smelting iron ore	Dec. 15
Griscom, Samuel	Reading, Pa.	Lime kiln for anthracite coal	May 22
Grinnel, Wm. V.	Middletown, Conn.	Packing for steam engines	June 26
Guiteau, Calvin	Geddes, N. Y.	Salt, manufacturing	April 5
Goodell, N. P.	Kirtland, Ohio	Steam, increasing the power of	Oct. 25
Gassner, David	New York	Stove, coal cooking	June 23
Gold, Stephen J.	Cornwall, Conn.	Do portable cooking	July 11
			Aug. 29

LIST OF PATENTS—CALORIFIC AND STEAM APPARATUS—Continued.

NAMES OF PATENTEES.	RESIDENCE.	INVENTIONS OR DISCOVERIES.	WHEN ISSUED.
Graham, Asa	Rumford, Maine	Stoves and chimneys, building	1832.
Hasey, Samuel	Rensselaerville, N. Y.	Baker and roaster, double reflecting	Dec. 28
Holloway, Thomas	Philadelphia, Pa.	Valve of the vibratory steam engine	Dec. 28
Do do	Do do	Do sliding for steam engine	Jan. 20
Do do	Do do	Do wing gudgeon for	Do 20
Hugus, Jacob	Hempfield, Pa.	Wine, making, from cider	Do 20
Jones, George	Boston, Mass.	Beer, spruce, manufacturing	Dec. 1
Johnston, Lewis	Easton, Pa.	Distilling	Jan. 27
Jones, William	Bradford, Vt.	Steam engine, rotary	Nov. 9
Keen, Elisha L.	New York	Lightning, protecting vessels from it in or out of port	Do 10
Lewis, William	Franklin, N. Y.	Oven, tin bake	June 27
McCay, William	Northumberland, Pa.	Alcohol, used in stiffening hats, method of extracting by the process by distillation	Jan. 6
Miller, Jacob	Lancaster, Pa.	Distilling	June 22
Magee, William	New York	Lamps for burning compound spirits of oil	Feb. 16
Mott, Jordon L.	Do	Stove, anthracite coal	June 27
McWilliams, Alexander	Washington, D. C.	Heating carriages, &c.	May 30
Nott, Eliphalet	Schenectady, N. Y.	Heat, evolution and management, being the original improvement for rendering combustion more uniform and more intense by the uniform supply of coal and air which have been previously heated, and also of applying the heat evolved by said elements, (date of patent March 26, 1828)	Nov. 29
Do do	Do do	Heat, evolution and management, being the original rotary grate and floor for burning anthracite coal, (date of patent March 23, 1826)	Sept. 17
			Sept. 17

Nott, Eliphalet	Schenectady, N. Y.	Stove, anthracite coal, adapted to open fire-places	Oct.	25
Prescott, William	Boston, Mass.	Baker, reflecting tin	May	24
Phillips, Benjamin	Philadelphia, Pa.	Steam, generating and applying high	Jan.	31
Potter, Edward	Providence, R. I.	Stove, cooking, and fire-place	May	8
Parish, Nathan	Mendon, N. Y.	Do	Nov.	2
Palmer, Walter C., M. D.	New York	Bath cot	Do	24
Reiley, Boyd	Philadelphia, Pa.	Bath, steam, applying simple or medicated	July	31
Rublee, Norman	Montpelier, Vt.	Lamps for burning tallow, lard, bees-wax, &c.	Dec.	4
Richardson, George	South Reading, Mass.	Tin kitchen	June	14
Sullivan, Jeremiah	Washington, D. C.	Chimneys, preventing smokey, and extinguishing fire in them	April	27
Stahl, Jacob	Baltimore, Md.	Furnace, hot air, and bake-oven, and heating rooms	May	29
Steinhauer, Daniel	Philadelphia, Pa.	Heat, abstracting, from smoke by basket grates	Dec.	13
Smith, Silas	Hamilton, Ohio	Smoke ventilator	March	17
Stanley, Henry	Poultney, Vt.	Stove, cooking	Dec.	17
Tirrell, Artemas	Boston, Mass.	Fire-places, building and altering, for burning coal	Oct.	25
Thomas, Thomas, and Robert Fuller	New York	Do fenders, shaping	Nov.	19
Tibbitts, La Fayette	New Glasgow, Va.	Steam engine and its operation	June	22
Varden, Robert B.	Baltimore, Md.	Warming rooms, and management of heat	Feb.	6

LIST OF PATENTS—HYDRAULICS.

INVENTIONS OR DISCOVERIES.		NAMES OF PATENTEES.		RESIDENCE.		WHEN ISSUED.	
Cock, to prevent water freezing in pent stocks, &c.		-	-	Norwich, Conn.		1832.	5
Faucet, spring lever.		-	-	Philadelphia, Pa.		Dec.	16
Gate purchase, labor saving rotary		-	-	Canton, Ohio		Feb.	11
Pump, spring or drop valve		-	-	Ashbury, Mass.		June	22
Do spiral		-	-	Perry, Ohio		Aug.	4
Do		-	-	Grafton, N. H.		Oct.	25
Raising water by steam engine		-	-	Deer creek, Ohio		June	6
Do do		-	-	New York		Aug.	28
Do do		-	-	Brock's Gap, Va.		Nov.	7
Spigot or cock		-	-	Sunbury, Pa.		June	22
Ventilator, or machine for pumping air		-	-	Philadelphia, Pa.		June	1
Water, mode of supplying houses		-	-	Davidson co., Tenn.		Oct.	25

LIST OF PATENTS—HYDRAULICS.

NAMES OF PATENTEES.	RESIDENCE.	INVENTIONS OR DISCOVERIES.	WHEN ISSUED.
Buehlin, Moses	Grafton, N. H.	Pump	1832.
Bright, Jacob	Sunbury, Pa.	Spigot or cock	Oct. 25
Bryant, William	Davidson co., Ten.	Water, mode of supplying houses	June 22
Colver, David	Deer creek, Ohio	Raising water by steam engine	Oct. 25
Diabrow, Levi, and John L. Sullivan	New York	Do do	June 6
Foss, Cotton	Perry, Ohio	Pump spiral	Aug. 28
Goodyear, Charles	Philadelphia, Pa.	Faucet, spring lever	Do 4
Harley, George, and John Sedgwick	Philadelphia, Pa.	Ventilator or machine for pumping air	March 16
Kendall, Eli	Ashbury, Mass.	Pump, spring or drop valve	June 1
Lathrop, jr., Dixwell	Norwich, Conn.	Cock, to prevent water freezing in pent stocks, &c.	June 22
Musser, Joseph, and Levi B. Gitchell	Canton, Ohio	Gate-purchase, labor saving rotary	Dec. 5
Tuining, Philip	Brock's Gap, Va.	Raising water	Feb. 11
			Nov. 7

LIST OF PATENTS—WHEEL CARRIAGES.

INVENTIONS OR DISCOVERIES.	NAMES OF PATENTEES.	RESIDENCE.	WHEN ISSUED.
Axle-tree, reduced friction roller	-	-	1832.
Boxes and hubs, and hanging coach bodies	Francis Rees	Clarksville, Ga.	April 14
Do setting in wheels	David Watson	Fayette, Mass.	May 29
Carriage, safety, or mode of disengaging horses therefrom	Josiah Chaney	Chester, Maine	Oct. 25
Coaches, barouches, &c.	Robert Beale	Washington, D. C.	May 12
Hubs, cutting, and boring the ends to let in boxes	Robert Gedney	New York	April 7
Do cast iron, constructing	John B. Francis	Loudon co., Va.	March 2
Tenons for spokes, machine for cutting	John Thurston	Providence, R. I.	Dec. 3
	James Smith	Fayette, Maine	June 7

WHEEL CARRIAGES.

NAMES OF PATENTEES.	RESIDENCE.	INVENTIONS OR DISCOVERIES.	WHEN ISSUED.
Beale, Robert	Washington, D. C.	Carriage, safety, or mode of disengaging horses therefrom	1832.
Chaney, Josiah	Chester, Maine	Boxes, setting in wheels	May 12
Francis, John B.	Loudon co., Va.	Hubs, cutting, and boring the ends to let in boxes	Oct. 25
Gedney, Robert	New York	Coaches, barouches, &c.	March 2
Rees, Francis	Clarksville, Ga.	Axle-tree, reduced friction roller	April 7
Smith, James	Fayette, Maine	Tenons for spokes, machine for cutting	April 14
Thurston, John	Providence, R. I.	Hubs, cast iron, constructing	June 7
Watson, David	Fayette, Mass.	Boxes and hubs, and hanging coach bodies	Dec. 3
			May 29

LIST OF PATENTS—ARMS.

INVENTIONS OR DISCOVERIES.			NAMES OF PATENTEES.		RESIDENCE.	WHEN ISSUED.
Fire-arms	-	-	-	-	Wayne township, O.	1832.
Do	-	-	Joseph W. Plummer and John Clark	-	Girard, Pa.	May 17
Do loading and discharging	-	-	James B. Porter	-	Philadelphia, Pa.	Aug. 4
Gun stocks, sawing	-	-	Philip A. Morineau	-	Boonsborough, Md.	Oct. 10
Lock, percussion	-	-	Abraham Myers	-	Palmyra, N. Y.	Nov. 9
Do do	-	-	Israël B. Richardson	-	Wayne township, O.	Feb. 17
Do do	-	-	Francis Dowler	-	Port Byron, N. Y.	April 9
Do compression cannon	-	-	David G. Colburn	-	Philadelphia, Pa.	Oct. 25
Do portable cannon	-	-	Joshua Shaw	-	Do do	Dec. 3
Primers, percussion, for cannon	-	-	Do	-	Do do	Do 3
Rifles, cane	-	-	Do	-	Do do	Do 3
Do manufacturing	-	-	Roger N. Lambert	-	Upton, Mass.	Feb. 27
Shell and shot, elongated spiral flanged	-	-	Joseph W. Plummer and John Clark	-	Wayne township, O.	May 17
	-	-	William B. Pier and Andrew Mack	-	Detroit, M. T.	April 6

LIST OF PATENTS—ARMS.

NAMES OF PATENTEES.	RESIDENCE.	INVENTIONS OR DISCOVERIES.	WHEN ISSUED.
Colburn, David G.	Port Byron, N. Y.	Lock, percussion	1832. Oct. 25
Dowler, Francis	Wayne township, O.	Do do	April 9
Lambert, Roger N.	Upton, Mass	Rifles, cane	Feb. 27
Morineau, Philip A.	Philadelphia, Pa.	Fire-arms, loading and discharging	Oct. 10
Myers, Abraham	Beonsborough, Md.	Gun stocks, sawing	Nov. 9
Plummer, Joseph W., and John Clark	Wayne township, O.	Fire-arms	May 17
Porter, James B.	Girard, Pa.	Do	Aug. 4
Plummer, Joseph W., and John Clark	Wayne township, O	Rifles, manufacturing	May 17
Pier, William B., and Andrew Mack	Detroit, M. T.	Shell and shot, elongated, spiral, flanged	April 6
Richardson, Israel B.	Palmyra, N. Y.	Lock, percussion	Feb. 17
Shaw, Joshua	Philadelphia, Pa.	Lock, compression cannon	Dec. 3
Do	Do do	Do portable cannon	Do 3
Do	Do do	Primers, percussion for cannon	Do 3

LIST OF PATENTS—SCREW AND LEVER POWER.

INVENTIONS OR DISCOVERIES.		NAMES OF PATENTEES.	RESIDENCE.	WHEN ISSUED.
Balance, compound lever	-	Jared B. Wetmore	Rush, N. Y.	1832.
Do steelyard	-	Erastus Fairbanks and Thaddeus Fairbanks	-	Feb. 27
Brick press	-	David M. Grillis	St. Johnsbury, Vt.	Sept. 22
Cheese, cider, &c., pressing	-	John Holmes	Sandwich, N. H.	Aug. 11
Do press	-	Benjamin Hinkley	Paris, Maine	Feb. 6
Comb press, fluting and bending	-	Reuben Munson	Fayette, Maine	Oct. 25
Cotton press	-	David Phillips	New York	May 22
Flour, machine for pressing	-	Sylvanus Hathaway	Natchez, Miss.	April 27
Oil press, double hydrostatic	-	Orestes Badger and Orrin Lull	Massillon, Ohio	Feb. 13
Press, rotary toggle-joint	-	Thomas W. Harvey	Otsego, N. Y.	Aug. 9
Do printing, Faustus	-	Seth Adams	Jamestown, N. Y.	April 27
Do standing or Boston	-	Aaron Hale	Boston, Mass.	May 23
Do wedge, for pressing cloth, paper, books, spermaceti, &c., or raising ponderous bodies: as the extraction of stumps	-	Oliver Perkins	Do	June 26
Pressing opium from the poppy plant	-	Lucius Cook	Oxford, Maine	Aug. 30
Do straw, leghorn, &c., bonnets, hats, &c.	-	Otis Plimpton	Shrewsbury, N. J.	April 20
Printing machinery	-	John Hatch	Foxborough, Mass.	Dec. 28
Tobacco press	-	George Booker	Boston, Mass.	Mar. 21
Weighing heavy bodies	-	Thaddeus Fairbanks and Erastus Fairbanks	Richmond, Va.	Feb. 8
			St. Johnsbury, Vt.	Feb. 21

LIST OF PATENTS—SCREW AND LEVER POWER.

NAMES OF PATENTEES.	RESIDENCE.	INVENTIONS OR DISCOVERIES.	WHEN ISSUED.
Adams, Seth	-	-	1832.
Badger, Orestes, and Orrin Lull	Boston, Mass.	Press, printing, Faustus	May 23
Booker, George	Otsego, N. Y.	Oil press, double hydrostatic	-
Crillis, David M.	Richmond, Va.	Tobacco press	Aug. 9
Cooke, Lucius	Sandwich, N. H.	Brick press	Feb. 8
Fairbanks, Erasmus, and Thaddeus Fairbanks	Shrewsbury, N. J.	Pressing opium from the poppy plant	Aug. 11
Do do	St. Johnsbury, Vt.	Balance steelyard	April 20
Holmes, John	Do do	Weighing heavy bodies	Sept. 22
Hinkley, Benjamin	Paris, Maine	Cheese, cider, &c., pressing	Feb. 21
Hathaway, Sylvanus	Fayette, Maine	Do press	Do 6
Harvey, Thomas W.	Massillon, Ohio	Flour, machine for pressing	Oct. 25
Hale, Aaron	Jamestown, N. Y.	Press, rotary toggle joint	Feb. 13
Hatch, John	Boston, Mass.	Press, standing or Boston	April 27
Munson, Reuben	Do do	Printing machinery	June 26
Phillips, David	New York	Comb press, fluting and bending	March 21
Perkins, Oliver	Natchez, Miss.	Cotton press	May 22
Plimpton, Otis	Oxford, Maine	Press, wedge, for pressing cloth, paper, books, spermaceti, &c.	April 27
Whetmore, Jared B.	Foxborough, Mass.	or raising ponderous bodies, as the extraction of stumps	Aug. 30
	Rush, N. Y.	Pressing straw, leghorn, &c., bonnets, hats, &c.	Dec. 28
		Balance, compound lever	Feb. 27

LIST OF PATENTS—MILLS.

INVENTIONS OR DISCOVERIES.		NAMES OF PATENTEES.		RESIDENCE.	WHEN ISSUED.
Bark mill	-	-	James T. Gifford	Veteran, N. Y.	1832.
Do	-	-	Daniel Humbert and George Downs	-	Feb. 27
Block, head, for saw-mill	-	-	John Sinclair	McConnelstown, Pa.	March 27
Coffee and spice mill	-	-	Edmund Parker and Herman White	Richland, Ohio	Feb. 28
Do mill, double	-	-	Thomas H. Witherby and Joseph Torrey	Meriden, Ct.	June 22
Do and spice mill	-	-	Ammi Clark	Millbury, Mass.	July 17
Friction wheels or rollers for machinery	-	-	James D. Cobb	Berlin, Conn.	Do 20
Grinding, scouring, and hulling, grain	-	-	David Parmelee and Jonathan Mooers	Lebanon, Ohio	June 22
Grist-mill	-	-	Gideon Hotchkiss	New Troy, Pa.	June 12
Do	-	-	Amos Barnes	Windsor N. Y.	Jan. 27
Do	-	-	Oliver N. May	Colesville, N. Y.	April 27
Do	-	-	Asahel Bacon	Hancock, N. Y.	May 5
Do gate pressure	-	-	Seaver Prentiss	Windsor, N. Y.	June 4
Do	-	-	Joseph C. Gentry	New York	June 4
Horse power, portable	-	-	James H. Corey	Philadelphia, Pa.	July 14
Do and accelerating machine	-	-	Richard S. Schevenell	Bethel township, O.	Feb. 27
Do portable	-	-	David Flagg, jr.	Orangeburg, S. C.	Nov. 13
Mill, universal, for grinding paint, grain, &c.	-	-	James Bogardus	New York	Dec. 28
Do for grinding paint, dye-stuffs, &c.	-	-	William G. Johnson	New York	Jan. 18
Paints, indigo, &c., machine for grinding	-	-	Oliver C. Harris	Philadelphia, Pa.	May 3
	-	-		Waterville, N. Y.	March 15

LIST OF PATENTS—MILLS—Continued.

INVENTIONS OR DISCOVERIES.	NAMES OF PATENTEES.	RESIDENCE.	WHEN ISSUED.
			1832.
Propelling mills, boats, &c., lever power machinery	William Rhodes	Trenton, Tenn.	April 27
Do do land vehicles, &c., by wind	Benjamin Dugdale	Trenton, N. J.	May 3
Do machinery by horse power	Tim y Showerman	Covington, N. Y.	June 27
Saw-mill	Vachel Blaylock	Bellefontaine, Ohio	Mar. 24
Do	John R. Drake	Owego, N. Y.	April 27
Do	Levi Chapin	Walpole, N. H.	June 1
Do circular railway and propelling machinery	Allen B. Reynolds	Cincinnati, Ohio	June 29
Do circular saws for cutting laths, &c.	Francis Shumard	Do	Oct. 31
Do	David W. Hall	Sparta, Ga.	Nov. 27
Smut-mill	Stephen Fellows	Sandwich, N. H.	May 24
Stones for grist-mills	David Stern	Vanderburgh co., Ind.	Jan. 5
Do dressing	John Keefer	Williamsport, Pa.	Jan. 13
Do bed	William Bennet	Chesterville, Maine	Oct. 25
Do annular	John Morley	New York	Nov. 28
Tide or current mill, propelled by a suspended water wheel and head blocks	James Bennet	Vigo co., Ind.	Aug. 10
Water, letting on horizontal wheels	Asahel Bacon	Windsor, N. Y.	June 4
Do wheel	John Moffit	Richmond, Ohio	April 27
Do do horizontal	Shelden Stoddard	Jackson township, Pa.	May 28
Do do current and inclined race wheel	John Nuckolls and Soloman P. Wheeler	Bolivar, Tenn.	June 22
Do do inclined	Cotton Foss	Perry, Ohio	Aug. 4
Do do and saw mill	Charles Foss	Boonville, Miss.	Aug. 24
Do do chain paddle for mills, boats, &c.	Davidson Myers	Benton, Missouri	Sept. 4

Do	do	re-acting	-	-	-	George W. Henderson and Joseph Russell	Millburn, Maine	Sept. 22
Do	do	with folding ladle boards	-	-	-	Thomas Winslow	Jay, Maine	Oct. 25
Do	do	re-action	-	-	-	Gideon Hotchkiss	Windsor, N. Y.	Nov. 6
Do	do	do	-	-	-	James McConnell	Shenango, Pa.	Dec. 13
Do	do	co-action with a box or cylinder to turn in	-	-	-	Sandford Reynolds	Pitcher, N. Y.	Dec. 15
Do	do	power multiplied by applying water to a number of wheels in succession	-	-	-	Henry Crenshaw	Anderson die't, S. C.	28
Wind	and	water wheel	-	-	-	Adkins Nash	Addison, Maine	April 27
Do	mill,	self-regulating horizontal	-	-	-	Jeremiah L. Colman	Vincennes, Indiana	May 4

MILLS.

NAMES OF PATENTEES.		RESIDENCE.		INVENTIONS OR DISCOVERIES.		WHEN ISSUED.
Barnes, Amos	-	Colesville, N. Y.	-	Grist-mill	-	1832.
Bacon, Asahel	-	Windsor, N. Y.	-	Do	-	April 27
Bogardus, James	-	New York	-	Mill, universal, for grinding paint, grain, &c.	-	June 4
Blaylock, Vachel	-	Bellefontaine, Ohio	-	Saw mill	-	Jan. 18
Bennet, William	-	Chesterville, Maine	-	Stones, bed	-	Mar. 24
Bennet, James	-	Vigo co, Indiana	-	Tide or current mill, propelled by a suspended water-wheel and head blocks	-	Oct. 25
Bacon, Asahel	-	Windsor, N. Y.	-	Water, letting, on horizontal wheels	-	Aug. 10
Clark, Ammi	-	Berlin, Conn.	-	Coffee and spice mill	-	June 4
Cobb, James D.	-	Lebanon, Ohio	-	Friction wheels or rollers for machinery	-	July 20
Corey, James H.	-	Bethel township, O.	-	Horse power, portable	-	June 22
Chapin, Levi	-	Walpole, N. H.	-	Saw-mill	-	Feb. 27
						June 1

LIST OF PATENTS—MILLS—Continued.

NAMES OF PATENTERS.	RESIDENCE.	INVENTIONS OR DISCOVERIES.	WHEN ISSUED.
Crenshaw, Henry	Anderson dist't, S. C.	Water power multiplied by applying water to a number of wheels in succession	1832 Dec. 28
Colman, Jeremiah L.	Vincennes, Indiana	Wind-mill, self-regulating horizontal	May 4
Dugdale, Benjamin	Trenton, N. J.	Propelling mills, boats, &c., land vehicles, &c., by wind	Do 3
Drake, John R.	Owego, N. Y.	Saw-mill	April 27
Flagg, Jr., David	New York	Horse power, portable	Dec. 29
Fellows, Stephen	Sandwich, N. H.	Smut-mill	May 24
Foss, Cotton	Perry, Ohio	Water-wheel, inclined	Aug. 4
Forse, Charles	Boonville, Miss.	Do do and saw-mill	Do 24
Gifford, James T.	Veteran, N. Y.	Bark-mill	Feb. 27
Gentry, Joseph C.	Philadelphia, Pa.	Grist-mill	July 14
Harris, Oliver C.	Waterville, N. Y.	Paints, indigo, &c., machine for grinding	March 15
Hall, David W.	Sparta, Ga.	Saw-mill	Nov. 27
Henderson, George W., and Joseph Russell	Millburn, Maine	Water wheel, re-acting	Sept. 22
Hotchkiss, Gideon	Windsor, N. Y.	Grist-mill	Jan. 27
Do do	Do do	Water wheel, re-acting	Oct. 25
Humberd, Daniel, and George Downs	McConnelstown, Pa.	Bark mill	March 27
Johnston, William G.	Philadelphia, Pa.	Mill, universal, for grinding paint, dye-stuffs, &c.	May 3
Keeser, John	Williamsport, Pa.	Stones, dressing	Jan. 13
May, Oliver N.	Hancock, N. Y.	Grist-mill	May 5
Morley, John	New York	Stones, annular	Nov. 28
Myers, Davidson	Benton, Missouri	Water wheel, chain paddle for mills, boats, &c.	Sept. 4
McConnel, James	Shenango, Pa.	Do do	Dec. 13

Moffit, John	Richmond, Ohio	Do do	-	-	April 27
Nuckolls, John, and Solomon P. Wheeler	Bolivar, Tenn.	Do do horizontal, current and inclined race-wheel	-	-	June 22
Nash, Adkins	Addison, Maine	Wind and water-wheel	-	-	April 27
Parker, Edmund, and Herman White	Meriden, Conn.	Coffee and spice mill	-	-	June 22
Parmelee, David, and Jonathan Mooers	New Troy, Pa.	Grinding, scouring, and hulling, grain	-	-	June 12
Prentiss, Seaver	New York	Grist mill, gate pressure	-	-	June 14
Rhodes, William	Trenton, Tenn.	Propelling mills, boats, &c., lever power machinery	-	-	April 27
Reynolds, Allen B.	Cincinnati, Ohio	Saw-mill, circular railway and propelling machinery	-	-	June 29
Reynolds, Sandford	Pitcher, N. Y.	Water-wheel, co-action with a box or cylinder to turn in	-	-	Dec. 15
Sinclair, John	Richland, Ohio	Block, head, for saw-mill	-	-	Feb. 28
Schevenell, Richard S.	Orangeburg, S. C.	Horse power and accelerating machine	-	-	Nov. 13
Shumard, Francis	Cincinnati, Ohio	Saw-mill, circular saws for cutting laths, &c.	-	-	Oct. 31
Stoddard, Sheldon	Jackson township, Pa.	Water-wheel, horizontal	-	-	May 28
Stern, David	Vanderburgh co., Ind	Stones for grist-mills	-	-	Jan. 5
Showerman, Timothy	Covington, N. Y.	Propelling machinery by horse power	-	-	June 27
Witherby, Thomas, and Joseph Torrey	Millbury, Mass.	Coffee mill, double	-	-	July 17
Winslow, Thomas	Jay, Maine.	Water-wheel with folding ladle-boards	-	-	Oct. 25

LIST OF PATENTS—CHEMICAL COMPOSITIONS.

INVENTIONS OR DISCOVERIES.		NAMES OF PATENTEES.		RESIDENCE.	WHEN ISSUED.
Bleaching bayberry wax	-	Benjamin Gomperts	-	New York	1832.
Do yellow bees wax	-	John N. Shultz	-	Do	Feb. 14
Cement for wood, brick, stone, or iron, work	-	Richard Walsh	-	Boston, Mass.	April 30
Dying with alkaline prussiates	-	Felix Fossard	-	Pittsburgh, Pa.	Jan. 5
Fomentations, preparing and applying	-	Timothy L. Jennison	-	Cambridge, Mass.	Dec. 14
Gold, machine for washing, &c.	-	Thomas Rives, senior	-	Hall co., Ga.	Aug. 30
Do swinging riddle, being an improvement on the railway car gold riddle, previously patented by him	-	Oscar Willis	-	Morgantown, N. C.	Feb. 3
Gold, machine for washing	-	William Davis	-	Fauquier co., Va.	Sept. 5
Hides, liming and handling in tanning	-	Caleb Hank	-	Monroe co., Va.	Nov. 22
Iron ore, machine for separating	-	Joseph Goulding	-	Reeseville, N. Y.	May 3
Medicine for the cure of syphilis, &c., denominated the "Unfortunate's Friend"	-	Nicholas W. Badeau	-	New York	July 18
Medicine, (astringent tonic)	-	Horton Howard	-	Columbus, Ohio	March 8
Do (compound tincture of myrrh)	-	Do	-	Do do	Aug. 25
Do (diaphoretic or sweating powders)	-	Do	-	Do do	Do 25
Do (bitter tonic)	-	Do	-	Do do	Do 25
Do antispasmodic tincture	-	Do	-	Do do	Do 25
Do for the cure of cholera	-	Jacob Houck	-	Baltimore, Md.	Do 25
Oil, fish, whale, and sperm, manufacturing	-	David C. Knapp, Cha's H Knapp, and Allen H. Howland	-	Oswego, N. Y.	Oct. 25
Oil, sperm, whale, cotton seed, and other clarifying	-	Ephraim C. Moss	-	New York	May 29
					Dec 28

Paint or composition for rendering silk, &c., water proof

Paint, or composition of matter for, and lubricating or greasing ship's ways for launching

Salts, metallic, (date of patent Dec. 4, 1828)

Seidlitz or rochelle water

Soda water, machine for drawing

Do fountain

Do apparatus

Tanning, machinery for preparing hides for

Do leather

Do without the use of lime or sweating the hides

Tan-vats, or letches and conveying trough

Elijah Winslow, Thomas Chandler, John M. Milliken, and Hez. Winslow

Whitman Mead

Edward Clark

Joseph Boston

George H. Duffey

James Fraley and Andrew Kirkpatrick

Joseph H. Laning

Lewis Newsom

Joseph Blunt

Edward Evans

William Brown

Unity, Maine

Greenwich, Conn.

New York

Do

Alexandria, D. C.

Urbanna, Ohio

Philadelphia, Pa.

Gallipolis, Ohio

New York

Salem township, Pa.

Herkimer, N. Y.

June 4

Oct. 23

July 3

May 5

April 19

May 9

June 22

March 8

Nov. 30

Dec. 28

June 28

LIST OF PATENTS—CHEMICAL COMPOSITIONS.

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NAMES OF PATENTERS.	RESIDENCE.	INVENTIONS OR DISCOVERIES.	WHEN ISSUED.
Badeau, Nicholas W.	New York	Medicine for the cure of syphilis, &c., denominated the "Unfortunate's Friend"	1832.
Boston, Joseph	Do	Seidlitz or rochelle water	March 8
Blunt, Joseph	Do	Tanning leather	May 5
Brown, William	Herkimer, N. Y.	Tan-vats, or latches and conveying trough	Nov. 30
Clark, Edward	New York	Salts, metallic, (date of patent Dec. 4, 1838)	June 28
Davis, William	Fauquier co., Va.	Gold, machine for washing	July 3
Duffey, George H.	Alexandria, D C.	Soda water, machine for drawing	Nov. 22
Evans, Edward	Salem township, Pa.	Tanning without the use of lime or sweating the hides	April 19
Fossard, Felix	Pittsburgh, Pa.	Dying with alkaline prussiates	Dec. 28
Fraley, James, and Andrew Kirkpatrick	Do		Dec. 14
Gomperts, Benjamin	Urbana, Ohio	Soda water fountain	May 9
Goulding, Joseph	New York	Bleaching bayberry wax	Feb. 14
Hank, Caleb	Reeseville, N. Y.	Iron ore, machine for separating	July 18
Howard, Horton	Monroe co., Va.	Hides, liming and handling in tanning	May 3
Do	Columbus, Ohio	Medicine, (astringent tonic)	Aug. 25
Do	do	Do (compound tincture of myrrh)	Do 25
Do	do	Do (diaphoretic or sweating powders)	Do 25
Do	do	Do (bitter tonic)	Do 25
Do	do	Do (antispasmodic tincture)	Do 25
Houck, Jacob	Baltimore, Md.	Do for the cure of cholera, &c.	Oct. 25
Jennison, Timothy L.	Cambridge, Mass.	Fomentations, preparing and applying	Aug 30
Knapp, David C., Cha's	Do		
H. Knapp, and Allen	Oswego, N. Y.	Oil, fish, whale, and sperm, manufacturing	May 29
H. Howland	Do		

Laning, Joseph H.	Philadelphia, Pa.	Soda water apparatus	June 22
Moss, Ephraim C.	New York	Oil, sperm, whale, cotton seed, and other purifying	Dec. 28
Mead, Whitman	Greenwich, Conn.	Paint, or composition of matter for, and lubricating or greasing ships' ways for launching	Oct. 25
Newsom, Lewis	Gallipolis, Ohio	Tanning, machinery for preparing hides for	Mar. 8
Rives, senior, Thomas	Hall co., Ga.	Gold, machine for washing, &c.	Feb. 3
Schultze, John N.	New York	Bleaching yellow bees' wax	April 30
Walsh, Richard	Boston, Mass.	Cement for wood, brick, stone, or iron, work	Jan. 5
Willis, Oscar	Morgantown, N. C.	Gold, swinging, riddle, being an improvement on the railway car, for gold riddle, previously patented by him	Sept. 5
Winslow, Elijah, Thomas Chandler, John M. Milliken, and Hez. Winslow	Unity, Maine	Paint or composition for rendering silk, &c., water proof	June 4

LIST OF PATENTS - FINE ARTS.

INVENTIONS OR DISCOVERIES.	NAMES OF PATENTEES	RESIDENCE.	WHEN ISSUED.
Bank notes, preventing counterfeits by lithography	Francis Peabody and Joseph Dixon	Salem, Mass.	1832.
Blocks, stereotype, improvement in moving forward the "hooker"	Bradbury Hackett	Boston, Mass.	April 20
Do do	Samuel Sawyer	Do	May 21
Do cam and spring for fastening stereotype plates	Abiel Chandler	Concord, Mass.	Do 28
Counterfeiting, figure lathe to prevent	David H. Mason	Philadelphia, Pa.	July 13
Organ, seraphina or harmonicon	Louis Zwahlen	New York	June 7
Painting, elastic stamp, for ornamenting walls, floors, &c.	Thomas Boynton	Windor, Vt.	May 5
Varnish, applying, to whip staffs	Frederick Morgan	Westfield, Mass.	July 12
			April 27

LIST OF PATENTS—FINE ARTS.

NAMES OF PATENTEES.	RESIDENCE.	INVENTIONS OR DISCOVERIES.	WHEN ISSUED.
Boyn-ton, Thomas	Windsor, Vt.	Painting, elastic stamp, for ornamenting walls, floors, &c.	1832. July 12
Chandler, Abiel	Concord, Mass.	Blocks, cam and spring, for fastening stereotype plates	Do 13
Hackett, Brndbury	Boston, Mass.	Do stereotype, improvement in moving forward the "hooker"	May 21
Mason, David H.	Philadelphia, Pa.	Counterfeiting, figure lathes, to prevent	June 7
Morgan, Frederick	Westfield, Mass.	Varnish, applying, to whip staffs	April 27
Peabody, Francis, and Joseph Dixon	Salem, Mass.	Bank notes, preventing counterfeits by lithography	April 20
Sawyer, Samuel	Boston, Mass.	Blocks, stereotype	May 28
Zwahlen, Louis	New York	Organ, seraphina or harmonicon	Do 5

LIST OF PATENTS—HOROLOGY.

INVENTIONS OR DISCOVERIES.	NAMES OF PATENTEES.	RESIDENCE.	WHEN ISSUED.
Alarm for time pieces	Robert Wilson	Williamsport, Pa.	1832. July 3
Clock, striking part of	George Parker	Utica, N. Y.	April 7
Do do	James Bogardus	New York	May 18
Do	Rufus Porter	Bellerica, Mass.	June 22
Do	James S. Seger	New York	Nov. 27

LIST OF PATENTS—HOROLOGY.

NAMES OF PATENTEES.	RESIDENCE.	INVENTIONS OR DISCOVERIES.	WHEN ISSUED.
Bogardus, James	New York	Clocks, striking part of	1832.
Parker, George	Utica, N. Y.	do	May 18
Porter, Rufus	Bellerica, Mass.	do	April 7
Seger, James S.	New York	do	June 28
Wilson, Robert	Williamsport, Pa.	do	Nov. 27
		Alarm for time pieces	July 3

LIST OF PATENTS—MATHEMATICAL INSTRUMENTS.

INVENTIONS OR DISCOVERIES.	NAMES OF PATENTEES.	RESIDENCE.	WHEN ISSUED.
Compass, surveying	William J. Young	Philadelphia, Pa.	1832. Jan. 17

LIST OF PATENTS—MATHEMATICAL INSTRUMENTS.

NAMES OF PATENTEES.	RESIDENCE.	INVENTIONS OR DISCOVERIES.	WHEN ISSUED.
Young, William J.	Philadelphia, Pa.	Compass, surveying	1832. Jan. 17

LIST OF PATENTS—SURGERY.

INVENTIONS OR DISCOVERIES.	NAMES OF PATENTEES.	RESIDENCE.	WHEN ISSUED.
Croup in poultry, machine for curing	-	-	-
Lancet or guard spring	-	-	-
Screw lever for extending crooked or setting fractured limbs	-	-	-
Tonsillarum sector	-	-	-
	T. V. Bush	Clark, Ky.	1832.
	Samuel Wilmot	Bridgeport, Conn.	June 29
	Joseph Merrill	Glasgow, Ky.	Oct. 25
	William B. Fahnestock	Lancaster, Pa.	June 22
			May 25

LIST OF PATENTS—SURGERY.

NAMES OF PATENTEES.	RESIDENCE.	INVENTIONS OR DISCOVERIES.	WHEN ISSUED.
Bush, T. V.	Clark co., Ky.	Croup in poultry, machine for curing	1832.
Fahnestock, Wm. B.	Lancaster, Pa.	Tonsillarum sector	June 29
Merrill, Joseph	Glasgow, Ky.	Screw lever for extending crooked or setting fractured limbs	May 25
Wilmot, Samuel	Bridgeport, Conn.	Lancet or guard spring	June 22
			Oct. 25

The following abstract exhibits the number of Patents sent to each State.

Maine	-	-	-	24	Kentucky	-	-	7
New Hampshire	-	-	-	11	Tennessee	-	-	7
Massachusetts	-	-	-	56	Ohio	-	-	54
Rhode Island	-	-	-	4	Louisiana	-	-	1
Connecticut	-	-	-	29	Indiana	-	-	4
Vermont	-	-	-	14	Mississippi	-	-	3
New York	-	-	-	122	Alabama	-	-	2
New Jersey	-	-	-	8	Missouri	-	-	1
Pennsylvania	-	-	-	82	Michigan Territory	-	-	2
Maryland	-	-	-	12	District of Columbia	-	-	7
Virginia	-	-	-	11				
North Carolina	-	-	-	5	Total	-	-	474 patents.
South Carolina	-	-	-	4				
Georgia	-	-	-	4				

22d CONGRESS,
2d Session.

[Doc. No. 70.]

Ho. or Reps.
State Dept.

PATENTS FOR INVENTIONS EXPIRED IN 1832.

LETTER

FROM

THE SECRETARY OF STATE,

TRANSMITTING

*A List of Patents for Discoveries, Inventions, &c. which have expired
within the year 1832, &c. &c.*

JANUARY 12, 1833.

Read, and laid upon the table.

DEPARTMENT OF STATE,

January 11, 1833

According to the provisions of an act of Congress of the 3d of July, 1832, entitled "An act concerning patents for useful inventions," the Secretary of State has the honor to report to the House of Representatives a certified list of all the patents for discoveries, inventions, and improvements, which have expired within the last year, with the names of the patentees alphabetically arranged.

Respectfully submitted.

EDW. LIVINGSTON

To the Hon. the SPEAKER
of the House of Representatives.

A List of expired Patents in the year 1892.

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NAME OF PATENTES.	Date of Patent.	INVENTION OR DISCOVERY.
Armstrong, Stephen	1818	Improvement in weaving.
Allison, Burgess	April 7	Do in stoves.
Adams, John	Do 10	Do in stoves, cooking.
Arnold, Peleg	Do 16	Do in spinning cotton yarn.
Audler, Ezekiel	August 1	Do in the Asiatic lentive.
Avery, George D.	October 26	Do in the plough.
	December 28	Do
Black, Jeremiah	January 17	Do in artillery.
Do	Do 17	Do in the Archimedian screw.
Brookes, Edmund and John	Do 28	Do in the wheat fan.
Bigelow, Alpheus	February 13	Do in the straw cutting machine.
Beatty, Thomas, and Michael Shanks	Do 25	Do in the thrashing machine.
Baldwin, James	March 7	Do in the machine for planing boards.
Bryant, Ebenezer	Do 18	Do in the founder's moulding die.
Babcock, John	Do 18	Do in the printers' ball stocks.
Bradley, Zalmon T.	April 21	Do in the spinning wheel.
Bedford, John	June 2	Do in boots and shoes with tacks.
Brown, John	Do 12	Do in the domestic spinner.
Breithier, John G.	Do 13	Do in the machine for grinding sugar cane.
Brown, Hiram	July 24	Do in the water wheel.
Bryant, John J.	September 2	Do in the machine for shearing cloth.
Burnet, James	Do 15	Do in the washing machine.
Beatty, Thomas	October 5	Do in the winnowing machine.
Beissel, David	Do 26	Do in the machine for chopping sausage meat.
Bruix, Albert	November 6	Do in the floating dry dock.

Barker, William	-	-	Do	10	in the water tew iron.
Bonville, Michael H.	-	-	Do	17	in C springs for carriages.
Bowne, Rodman, and John Murphy	-	-	Do	18	in the horse wheel.
Bromwell, Jacob	-	-	Do	26	in the winnowing machine.
Bartholomew, Andrew	-	-	December	1	in propelling boats.
Bullard, Chester, J. Gay, and J. Draper	-	-	Do	16	in the thrashing machine.
Batchelder, James	-	-	Do	22	in tanning hides.
Collins, Daniel	-	-	January	6	in the saw mill.
Cerneau, Jos.	-	-	March	6	in propelling boats.
Clarke, Edward	-	-	Do	28	in manufacturing white lead.
Cox, Benjamin	-	-	Do	28	in preparing rags for paper.
Cullen, John	-	-	May	4	in liquid magnesia.
Clerc, Henry, and Pasquale Ricardi	-	-	Do	25	in pluribus unum.
Church, William	-	-	July	11	in the steam engine.
Clark, James	-	-	Do	31	in wooden springs.
Cudlip, John, and George Prioe	-	-	November	18	in stove pipes.
Clark, James	-	-	Do	30	in the odometer.
Clark, Joshua, and L. Crowell	-	-	December	18	in conduit pipes.
Crossdale, Bezaleel	-	-	Do	21	in manufacturing corn brooms.
Donalson, Alexander	-	-	January	15	in cutting bungs for casks.
Durand, John P.	-	-	Do	17	in propelling boats.
Durand, Cyrus	-	-	March	17	in grammatical mirror.
Davis, Samuel	-	-	Do	28	in the mud machine.
Deprest, B. S.	-	-	May	9	in popelling boats.
Davis, Gideon	-	-	Do	26	in water tew iron.
Do	-	-	Do	26	in the plough.
Dwight, John and Sullivan	-	-	June	17	in sawing marble and stone.
Deverin, John, and Baptiste Isabelle	-	-	July	6	in the aromatic steam bath.
Dana, Daniel, and Anthony Olney	-	-	August	24	in the lathe for turning gun barrels.

LIST—Continued.

NAME OF PATENTEE.	Date of Patent	INVENTION OR DISCOVERY.
Drummond, James	1818.	Improvement in gill nets.
Durand, Cyrus	August 27	Do in ornamenting columns.
Drake, Gideon	September 29	Do in window springs.
Elliot, Rufus	October 26	Do
Eoff, John	February 14	Do in the machine for collecting sand.
Eastman, Cyrus	March 5	Do in the machine for consuming smoke in furnaces.
Evans, John	April 16	Do in drawing metallic tubes.
Edwards, John	Do 21	Do in the water wheel.
Do	May 25	Do in the pump or suction machine.
Do	Do 25	Do in the water wheel.
Eve, Jos.	Do 28	Do in the steam engine.
Everard, Francis A.	Do 28	Do in the machine for sweeping chimneys.
Ellicott, Evan J.	Do 28	Do in manufacturing iron plates.
Elliot, Moses	June 9	Do in arranging music to printing.
Fettrow, Andrew	May 28	Do in the machine for cleaning grain.
Do	Do 28	Do in the machine for breaking plaster and hard substances.
Francis, William	July 11	Do in the wing valve for pumps.
Farnham, Henry	September 6	Do in propelling boats.
Finigan, James	October 8	Do in varnishing and japanning leather.
Foster, Aaron	November 25	Do in teasing and napping cloth.
Greenwood, Holmes	January 26	Do in polishing powder

Gordon, Daniel	-	-	February	14	Do	in rafta.
Giraud, John J.	-	-	April	10	Do	in propelling boats.
Grieve, David	-	-	Do	11	Do	in the weaving machine.
Greenwood, James,	-	-	Do	28	Do	in wooden springs.
Gregg, James and Jos.	-	-	May	28	Do	in the thrashing machine.
Greenholt, John	-	-	June	9	Do	in the shoemakers' bench.
Gray, Salmon	-	-	July	15	Do	in the machine for raising weights.
Gutwaldt, Jos. A.	-	-	August	27	Do	in the piano forte.
Grieve, David	-	-	September	18	Do	in the machine for roping and twisting.
Gallagher, Hugh	-	-	October	29	Do	on Z. Phinney's corn sheller.
Gray, Jeremiah	-	-	November	18	Do	in propelling boats.
Goodrich, Lemuel, and John Adams	-	-	December	3	Do	in the plough.
Hunter, William T.	-	-	January	8	Do	on Dencaale's oven.
Hale, Benjamin	-	-	Do	17	Do	in coaches.
Homer, Jos.	-	-	Do	28	Do	in metallic bedsteads.
Hersey, John	-	-	February	9	Do	in the reaping machine.
Harrison, Francis	-	-	March	16	Do	in double forcing pump.
Harper, George	-	-	Do	23	Do	in potato drills.
Holmes, Alonson	-	-	Do	23	Do	in bellows for smiths.
Hendrix, Beardsley, and Halstead Price	-	-	April	13	Do	in the rotary steam engine.
Hendrick, William	-	-	June	12	Do	in the pump.
Hill, William F.	-	-	July	11	Do	in the circular saw.
Hurdle, Noble	-	-	October	1	Do	in the catch for window shutters.
Henrie, Arthur	-	-	Do	28	Do	in the water wheel.
Hallock, John	-	-	November	5	Do	in clarifying castor oil.
Hayward, Ansel	-	-	Do	23	Do	in inkstands.
Hall, William	-	-	December	19	Do	in sweeping chimneys.
Harrison, Richard N.	-	-	Do	19	Do	in the plough.
Jenks, Ebenezer	-	-	January	28	Do	in converting iron into steel.

LIST—Continued.

NAME OF PATENTEE.	Date of Patent.	INVENTION OR DISCOVERY.
	1818.	
Jackson, Cyrus	February 14	Improvement in augur for rectilineal holes.
Jones, James	Do 25	in hulling grain.
Leases, Moses	March 17	in propelling boats.
Do Do	May 28	in the wind wheel.
Jenks, Ebenezer	September 2	in fire places.
James, Jos.	November 18	in the hydraulic machine.
Kendall, Jeremiah	March 18	in kettles for boiling salt.
Kling, Abraham	April 28	in cutting sausage meat.
Kearns, Thomas	June 6	in propelling boats.
Kenrick, John	Do 10	in submarine ploughing.
Keintzle, John G.	October 8	in bleaching.
Lewis, Winslow	January 23	in lamps.
Langworthy, William A.	February 28	in metallic hair combs.
Lotz, John H.	March 18	in stoves and fire-places.
Lete, Nicholas A.	June 11	in the violin.
Leaming, Samuel M.	July 6	in spring saddles.
Lamb, James	Do 17	in cooking stoves.
Little, Joseph	Do 25	in making casks.
Lewis, Nathaniel H.	August 26	in shieves for blocks.
Lane, Aaron	September 15	in the stove.
Do Do	Do 22	in sweeping chimneys.
Moody, Paul	January 17	in sizing and dressing yarn.

McKamy, Alexander D.	-	February	10	Do	in the spiral screw water wheel.
Maltby, Benjamin, and Maltby Fowler	-	Do	28	Do	in the machine for hulling grain.
Mount, Robert, and John	-	April	11	Do	in the stove.
Morton, John H., and Robert Hutton	-	Do	28	Do	in spare steam in distillation.
Mitchell, William	-	May	28	Do	in manufacturing bricks.
McKay, John	-	Do	28	Do	in painting ret. &c.
Mixer, Nathaniel	-	Do	28	Do	in springs for saddles.
Munger, George	-	June	28	Do	in salt made by freezing.
Mear, John	-	August	26	Do	in binding books.
Miller, Perry	-	October	26	Do	in the plough.
Merot, Charles	-	November	5	Do	in distilling vaporous alambic.
Melville, David	-	Do	18	Do	in breaking flax and hemp.
Mitchell, John K.	-	Do	19	Do	in the heat retainer.
Melville, David	-	December	19	Do	in the Argand lamp.
Manter, Grafton	-	Do	8	Do	in casting mill stone faces.
Morey, Samuel	-	Do	19	Do	in the treble pipe steam engine.
Do	-	Do	19	Do	in the water burner.
Mayfield, Thomas	-	Do	28	Do	in the thrashing machine.
Nixon, Samuel	-	February	28	Do	in the machine for kneading dough.
Nash, Sylvester	-	April	11	Do	in turning musket barrels.
North, Linus	-	May	28	Do	in metal hair combs.
Ogle, Samuel	-	June	9	Do	in the plough.
Oakley, George P.	-	November	25	Do	in the sample box.
Prescott, Jonathan	-	March	6	Do	in tanning and currying leather.
Porter, Nathan	-	April	7	Do	in the churn.
Petibone, Daniel	-	Do	10	Do	in cutting comb teeth.
Pye, William	-	Do	28	Do	in locks and bolts for sliding doors.
Pye, William	-	Do	28	Do	in the union lock.

NAME OF PATENTEE.	Date of Patent.	INVENTION OR DISCOVERY.
	1818.	
Pennock, Abraham L., and James Sellers	July 6	Improvement in leather tubes, nailed.
Do Do and Do Do	Do 6	in mail bags, nailed.
Pettibone, Daniel	August 11	in making combs.
Prescott, Jedediah, and Levi	November 5	in napping cloth.
Peasley, Aaron M.	Do 11	in organs.
Potts, Jos.	Do 11	in rolling plough shares.
Putnam, Elisha	Do 18	in conduit pipes.
Palmer, John	Do 29	inclined horse wheel.
Ronaldson, James	February 2	in seasoning wood and timber.
Raymond, Alanson, and Garett V.	Do 7	in composition for stiffening hats.
Read, Nathan	Do 18	in the thrashing machine.
Read, John	March 6	in wheels for mills.
Richards, Joseph	May 28	in manufacturing white lead.
Ramage, Adam	Do 28	in the printing press.
Rogers, Samuel	June 24	in the lathe for turning rollers.
Do Do	Do 28	in the mill for rolling sheet iron.
Robinson, George W.	July 17	in securing locks from being picked
Do Do	Do 17	in setting kettles.
Richardson, jr., John	Do 24	in fire engines.
Reading, Pearson	August 1	in horse rakes
Rogers, Daniel	Do 26	in granulating gunpowder.
Rufner, Tobias	December 22	in sinking wells.
Smith, Henry	January 15	in holding the pen.

Stillman, William	-	-	Do	17	in shearing cloth.
Smith, McPherson	-	-	Do	28	in hair combs.
Sterna, Abner, and William Barrett	-	-	Do	30	in dyeing and finishing silk goods.
Simpson, William	-	-	February	19	in conveying motion from one wheel to another.
Sullivan, John L.	-	-	Do	28	wheel regulator and spare gear.
Do Do	-	-	Do	28	in supply chamber to steam engines.
Do Do	-	-	Do	28	in boilers of steam engines.
Shaw, John	-	-	April	10	in rudders for ships.
Sherwood, Stephen A.	-	-	Do	11	in the straw cutting machine.
Sullivan, John L.	-	-	Do	28	in the paddle for ships.
Shephard, Isaac	-	-	May	28	in making butter.
Storm, Thomas T.	-	-	Do	28	in the churn.
Smith, Burrows	-	-	June	9	in the griat mill.
Sizer, Jonathan, administrator of Z. Waterhouse	-	-	Do	12	in the coffee mill.
Sprague, Augustus L. M. De	-	-	Do	29	in the flying pen.
Stedman, Simon	-	-	July	25	in bent wood handles and sockets for ladles.
Stearns, Abner, and William Barrett	-	-	September	8	in dyeing and finishing silk goods.
Swann, John B.	-	-	Do	29	in carriages.
Stansbury, Daniel	-	-	October	26	in rod for measuring packages.
Sullivan, John L.	-	-	December	10	in the rotary steam engine.
Do Do	-	-	Do	11	in water ouner.
Do Do	-	-	Do	11	in the double stern wheel.
Do Do	-	-	Do	11	in side rudders for steamboats.
Skinner, Elijah	-	-	Do	28	in the machine for grinding paint.
Sullivan, John L.	-	-	Do	29	in the steam engine boiler.
Smith, Ebenezer	-	-	Do	31	in the lever crane.
Tiernan, Anthony	-	-	April	27	in dog power for machinery.
Thayer, Amos	-	-	May	1	in applying water to wheels.
Do Do	-	-	Do	1	in the water wheel.

LIST—Continued.

NAME OF PATENTEE.	Date of Patent	INVENTION OR DISCOVERY.
	1818.	
Trott, John S. -	June 2	Improvement in propelling boats,
Treadwell, Ephraim -	August 27	in ovens.
Taylor, Abraham -	November 18	Do
Updike, Daniel -	February 19	Do
Ullman, Mayer, and Moses Isaacs -	March 17	Do
Valentine, George F. -	August 26	Do
Viales, Louis -	October 29	Do
Watson, Joseph -	January 15	Do
Wright, Daniel -	Do 15	Do
Wilson, Increase -	March 6	Do
Waterman, John -	May 28	Do
Wheeler, Artemas -	June 10	Do
Warren Edmund -	August 27	Do
Woods, Pierce -	September 29	Do
Waters, Asa -	December 21	Do
Do Do -	Do 22	Do
Wilson, Henry -	Do 29	Do
Wheatly, Henry William -	Do 30	Do

DEPARTMENT OF STATE, PATENT OFFICE, January 1, 1833.

I hereby certify that the foregoing is a correct "List of all the patents for discoveries, inventions, and improvements, which have expired within the year 1832," furnished agreeably to an act of Congress, approved July 3, 1832.

JOHN D. CRAIG, *Superintendent.*

PATENTS FOR USEFUL INVENTIONS, 1833.

LETTER

FROM

THE SECRETARY OF STATE,

TRANSMITTING

A list of the names of persons to whom patents have been granted for new and useful inventions, during the year 1833, &c.

JANUARY 21, 1834.

[Read, and laid upon the table.]

DEPARTMENT OF STATE,

January 18, 1834.

SIR: In compliance with the resolutions of the House of Representatives, dated the 13th of January, 1812, and the 2d of April, 1830, I have the honor to transmit a list, prepared according to the form heretofore used, of the names of persons who have invented any new or useful art or machine, manufacture, or composition of matter, or any improvement thereon, and to whom patents have been issued for the same, from this office, within the year 1833, with the dates and general objects of such patents, and also the residences of the patentees, as far as they could be ascertained.

I have the honor to be, sir,

Your obedient servant,

LOUIS McLANE.

HON. SPEAKER of the House of Representatives.

Gales & Seaton, print.]

Flax and hemp dressing machine	-	Hezekiah Hawley	-	Louisville, Ken.	June 4
Flax and hemp cleaning, softening, separating, and shortening the staples or fibres	-	Hezekiah Hawley	-	Louisville, Ken.	June 29
Flax and hemp, breaking and cleaning	-	Arnold Zellnor	-	Pulaski, Tenn.	July 26
Flax and hemp, silk tow, wool, and a combing and hackling	-	Joseph Westerman & James Westerman	-	New York	August 14
Fodder, machine for cutting hay, straw, potatoes, &c.	-	Wm. A. Hamilton	-	Albany, N. Y.	November 19
Fodder, machine for cutting hay, straw, potatoes, &c.	-	Amos Russell and Noah Davis	-	Syracuse, N. Y.	November 19
Grain, of all kinds, reaping and cutting	-	Obed Hussey	-	Cincinnati, Ohio	December 31
Hay and grain covering	-	Francis Wingate	-	Hallowell, Me.	March 19
Hoes	-	Charles H. Strong and Edward A. Sterry	-	Norwich, Conn.	January 5
Hoes	-	George Harper	-	Montgomery county, Pa.	November 19
Mowing machine	-	Richard Heath	-	West Newbury, Mass.	April 26
Mowing machine, or machine for cutting and swathing, or cutting and not swathing, as they stand in the field, hemp, flax, wheat, rye, oats, &c.	-	Thomas A. Anderson, William Schnebly and Thomas Schnebly	-	McMinn county, Tenn.	June 29
Do do	-	Gideon Davis	-	Hagerstown, Maryland	August 22
Plough, bar share or fallow, (pat'd Oct. 1, 1825,) re-issued, Plough	-	Henry Speithman and Daniel Miller	-	Georgetown, D. C.	March 6
Plough, construction of, and action of the mould board, Plough, hinged wing, hill side	-	Henry Peachey	-	Lancaster, Penn.	March 25
Plough, reversing hill side	-	Wm. B. Donald	-	Washington, D. C.	April 5
Plough	-	Calvin Delano	-	Fairfield, Virginia	June 29
Plough	-	Lewis Donnell	-	Livermore, Maine	July 5
Plough	-	Charles B. Taylor	-	Jefferson township, Ohio	July 23
Plough	-	Elisha Kelley	-	Bainbridge, Ohio	August 23
Plough	-	Sarah Evans, executrix, and J. McFaden, executor of G. Evans, dec'd	-	Bainbridge, Ohio	August 26
Plough, self sharpening horizontal	-	Cyrus H. McCormick	-	Pittsburg, Penn.	September 18
Plough, improvement to be attached to the common Gopher	-	Thomas Carter	-	Rockbridge county, Va.	November 19
Plough, improvement on Barnard's	-	Peter Hastings	-	Saurin district, S. C.	December 16
Plough	-	Joseph P. Sharp	-	Dagsborough, Del.	December 19
Plough, ridge	-	William Atwood and Daniel Hamblet	-	Geneseo, New York,	December 20
	-		-	Cornish, N. H.	December 24

LIST OF PATENTS—AGRICULTURE—Continued.

INVENTIONS OR DISCOVERIES.	NAMES OF PATENTEES.	RESIDENCE.	WHEN ISSUED.
Plough, cast iron	Anthony Taylor Frederick Brewster	Green township, Ohio	1833.
Poly share			
Potatoes, furrowing, dropping and covering, and excavating earth	Levi Rice	Robbinston, Maine	January 24
Rice, barley, &c. hulling, cleaning and polishing			
Rice, hulling and polishing	Theodore F. Strong, and Marcus T. Moody	Northampton, Mass.	April 26
Straw, hay, &c., machine for cutting			
Straw cutter	John W. Walker	Madison, Geo.	December 16
Straw cutter			
Straw cutter	James Luckey	New York	March 9
Straw cutter			
Straw cutter	Benjamin R. Greene	Warwick, R. I.	August 8
Straw cutter			
Straw cutter	Joshua Davis	Marysville, Va.	August 19
Straw cutter			
Straw cutter	Jonathan Howlet	Greensboro', N. C.	September 7
Straw cutter			
Straw cutter	Isaac Lewis	Knoxville, Tenn.	September 12
Straw cutter			
Straw cutter, hay, &c. (improv't on patent of Mar. 9, 1833)	William Mitchell	Abbeville district, S. C.	November 19
Straw cutter			
Straw cutter	John Shaw	Philadelphia, Penn.	November 19
Straw cutter			
Straw cutter	James Luckey	New York	December 16
Straw cutter			
Thrashing machine, shelling corn and dressing flax	James Secor	Bristol, Penn.	December 16
Thrashing machine and clover seed machine			
Thrashing machine	John M. Tilford	Rutherford county, N. C.	December 31
Thrashing machine			
Thrashing machine, hanging the beaters	Westcum P. Barton	Batavia, New York	February 28
Thrashing machine, flying beater			
Thrashing machine	Stacy West	Harford county, Md.	March 1
Thrashing machine			
Thrashing machine	John R. Wheeler	Brighton, N. Y.	April 9
Thrashing machine			
Thrashing machine	Holdridge Dewey	Norwich, Conn.	April 27
Thrashing machine			
Thrashing machine	Edmund Warren	New York	May 9
Thrashing machine			
Thrashing machine, and hulling clover seed	Stephen Norton	New Lebanon, N. Y.	May 17
Thrashing machine			
Thrashing machine	James Parsons, Jun.	Rush, Penn.	June 25
Thrashing machine			
Thrashing machine	Daniel A. Webster	New York	June 29
Thrashing machine			
Thrashing machine	Benjamin Hinkley	Fayette, Maine	July 23
Thrashing machine			
Thrashing machine	Jeremiah Fisk	Weid, Maine	September 9
Thrashing machine			
Thrashing machine	Linus Yale and Philo C. Curtis	Utica, N. Y.	September 17
Thrashing machine			

LIST OF PATENTEES—AGRICULTURE—Continued.

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NAMES OF PATENTEES.	RESIDENCE.	INVENTIONS OR DISCOVERIES.	WHEN ISSUED.
Donnell, Lewis	Jefferson township, Ohio	Plough,	1833.
Delano, Calvin	Livermore, Maine	Plough, reversing hill side	July 23
Davis, Joshua	Marysville, Virginia	Straw cutter	July 5
Dewey, Holdridge	Norwich, Conn.	Thrashing machine, hanging the beaters	August 19
Elliott, Frederick	Greensboro', N. C.	Corn sheller	April 27.
Evans, Sarah, executrix, and John McFaden, exe- cutor of George Evans, deceased	Pittsburg, Penn.	Plough	November 19
Ellicott, Samuel, Ellicott, Nathaniel H., and Elli- cott, William	Ellicott's mills, Md.	Wheat &c.; rubbing machine	September 18
Furbish, Webber	Hallowell, Maine	Corn breaking machine	July 31
Furbish, Webber	Hallowell, Maine	Corn breaking machine, (pat'd March 15, 1833) re-issued	March 15
Fisk, Jeremiah	Weld, Maine	Thrashing machine	December 26
Gollogher, Thomas	Fairfield county, Ohio	Clover seed machine for hulling	September 9
Gans, Jacob	Payette county, Penn.	Clover seed machine for hulling	February 28
Gouldman, John G., and William S. McDonald	Wilson county, Ten.	Cotton planter	March 12
Greene, Benjamin R.	Warwick, R. I.	Straw cutter	June 29
Hayden, Noah G.	Harrodsburgh, Ken.	Flax and hemp breaking and thrashing machine	August 8
Hawley, Hezekiah	Louisville, Ken.	Flax and hemp dressing machine	April 13
Hawley, Hezekiah	Louisville, Ken.	Flax and hemp cleaning, softening, separating, and shorten- ing the staples or fibres	June 4
Hamilton, Wm. A.	Albany, N. Y.	Fodder machine for cutting hay, straw, potatoes, &c.	June 29
Hussey, Obed	Cincinnati, Ohio	Grain of all kinds, reaping and cutting	November 19
Harper, George	Montgomery county, Penn.	Hoes	December 31
Heath, Richard	West Newbury, Mass.	Mowing machine	November 19
Hastings, Peter	Dagsborough, Del.	Plough, improvement on Barnard's	April 26
Howiet, Jonathan	Greensborough, N. C.	Straw cutter	December 19 September 7

Hart, James, and Walter
 Holladay
 Johnson, Lancelot
 Keck, Leonard
 Kuhn, Wm., Geo. Haas-
 inger, & Wm. Stiles
 Kelly, Elisha
 Landee, Christian
 Luckey, James
 Lewis, Isaac
 Luckey, James
 Mixon, Noel
 McCormick, Cyrus H.
 Mitchell, Wm.
 Norton, Stephen
 Pratt, Cyprian S.
 Peachey, Henry
 Parsons, James, Jun.
 Porter, David
 Rittenhouse, Robert
 Robbins, Hildreth
 Rider, Elisha
 Ross, John
 Reichard, John
 Russell, Amos, and Noah
 Davis
 Rice Levi
 Spring, Thomas
 Strong, Charles H., and
 Edward A. Sterry
 Schnebly, Wm., & Thomas
 Speilman, Henry, and
 Daniel Miller
 Sharp, Jos. P.
 Strong, Theodore F., and
 Marcus T. Moody
 Shaw, John

Spottsylvania county, Va.
 Madison, Geo.
 Tyrone township, Penn.
 Union county, Penn.
 Bainbridge, Ohio
 Mount Sidney, Va.
 New York
 Knoxville, Tenn.
 Madison, Geo.
 Rockbridge county, Va.
 Abbeville district, S. C.
 New Lebanon, N. Y.
 Paris, Me.
 Washington, D. C.
 Rush, Penn.
 Boonville, N. Y.
 Amwell township, Penn.
 Wilton, Me.
 Lovingson, Va.
 Boundbrook, N. J.
 Guilford township, Penn.
 Syracuse, N. Y.
 Robinson, Me.
 Granby, Conn.
 Norwich, Conn.
 Hagerstown, Md.
 Lancaster, Pa.
 Geneseo, N. Y.
 Northampton, Mass.
 Philadelphia, Pa.

Thrashing machine, cylinder and concave of
 Cotton seed hulling
 Clover seed machine
 Clover seed machine
 Plough,
 Clover seed machine
 Straw, hay, &c., machine for cutting
 Straw cutter
 Straw, hay, &c. cutting, improvement on, (pat. Mar. 9, 1833.)
 Cotton seed, rice, &c. machine
 Plough, self-sharpening horizontal
 Straw cutter
 Thrashing machine
 Apples, paring and quartering
 Plough, construction and action of the mould board
 Thrashing machine and hulling clover seed
 Thrashing machine
 Clover seed and corn shelling machine
 Clover seed machine
 Clover seed machine
 Corn sheller
 Cultivator, seeding
 Fodder machine for cutting hay, straw, potatoes, &c.
 Potatoes, furrowing, dropping, covering, &c.
 Bogs and bushes, machine for cutting
 Hoes
 Mowing machine
 Plough
 Plough
 Rice, barley, &c. hulling, cleaning, and polishing.
 Straw cutter

September 17
 May 29
 December 16
 December 24
 August 26
 December 24
 March 9
 September 12
 December 16
 December 30
 November 19
 November 19
 June 29
 December 28
 April 6
 June 29
 November 19
 March 19
 September 6
 December 28
 April 19
 December 16
 November 19
 June 29
 April 27
 January 5
 August 23
 March 25
 December 20
 April 26
 November 19

LIST OF PATENTEES.—AGRICULTURE—Continued.

NAMES OF PATENTEES.	RESIDENCE.	INVENTIONS OR DISCOVERIES.	WHEN ISSUED.
Secor, James	Bristol, Pa.	Straw cutter	1833.
Taylor, Charles B.	Bainbridge, Ohio	Plough	December 16
Taylor, Anthony	Green township, Ohio	Plough, cast iron	August 23
Tilford, John M.	Rutherford county, N. C.	Straw cutter	December 26
Whittemore, Wm., and	West Cambridge, Mass.	Cotton seed separating by a roller gin	December 31
Wells, Nathan	Milford, Pa.	Fanning mill	March 21
Westerman, Jos. and	New York	Flax and hemp, silk tow, wool, &c. combing and hackling	September 11
Wingate, Francis	Hallowell, Me.	Hay and grain covering	August 14
Walker, John W.	Madison, Geo.	Rice hulling and polishing	March 19
West, Stacy	Harford county, Md.	Thrashing machine and clover-seed machine	December 16
Wheeler, John R.	Brighton, N. Y.	Thrashing-machine	March 1
Warren, Edmund	New York	Thrashing-machine	April 9
Webster, Daniel A.	New York	Thrashing-machine	May 17
Yale, Linus, and Philo C.	New York	Thrashing-machine, spring beater, and breaking hemp	June 29
Curtis	Utica, N. Y.	Thrashing-machine	December 16
Zellnor, Arnold	Pulaski, Ten.	Flax and hemp breaking and cleaning	September 17
			July 26

LIST OF PATENTS—FACTORY MACHINERY.

INVENTIONS OR DISCOVERIES.	NAMES OF PATENTEES.	RESIDENCE.	WHEN ISSUED.
Axes, manufacturing, forming the eyes	Milton D. Whipple	Douglas, Mass.	1833.
Axes, forging	David Hinman	Canton, Conn.	January 31
Axes, forging	Erastus Shaw	Canton, Conn.	June 29
Axes, making hoes, scythes, pitchforks, &c.	Luther Olds	Oncontia, New York	June 29
Axes, making hoes, scythes, pitchforks, &c.	Joseph P. Hazard	Washington county, R. I.	July 9
Axes, making hoes, scythes, pitchforks, &c.	John F. Mackie	N. York	August 9
Auger, screw	Peregrine Williamson	New York	November 19
Bands, contracting, wrought iron	Edward Cooper	Richmond, Virginia	September 9
Bands, guiding endless belts, or aprons	Samuel Sawyer	Boston, Mass.	March 16
Bells, mode of hanging	Seth Fuller	Boston, Mass.	March 30
Bobbin, cotton spool	Nathaniel Rider	Milbury, Mass.	December 26
Buttons, dead-eyed wood	De Grasse Fowler	New Branford, Conn.	December 31
Cans, for manufacturing cotton, flax, &c.	Horatio Moses	Paterson, N. J.	May 8
Candles, composition for, and mode of making	Philip Farrell	New York	March 12
Cap, used as a substitute for flyers in Danforth's filling frame	Joseph Ripka	Manayunk, Penn.	December 16
Carding wool	John Boynton	South Coventry, Conn.	July 31
Carding wool, cotton, &c.	David Adams	Richmond, Virginia	March 11
Carding cotton engine	W. B. Leonard	Fishkill, New York	July 27
Castor, globe	Walter Hunt	New York	September 16
Chest, iron, fire-proof	Charles J. Gayler	New York	April 92
Chisel, cutting and clearing	George Page	Keene, N. H.	April 12
Cloth, woollen and cotton dressing	Calvin W. Cook	Lowell, Mass.	August 14
Cloth, woollen dressing	Stephen R. Parkhurst	Mendon, Mass.	May 20
Cordage, making	John Drummond	Brooklyn, New York	December 23
Cotton ginning and cleaning	Samuel Sawyer	Boston, Mass.	July 22
Cotton ginning and cleaning, by a combination of rolls	Samuel Sawyer	Boston, Mass.	March 30
Cotton wadding manufacturing	John Park and William S. Peck	Boston, Mass.	March 30
Cotton gin, Jackson	James Lynch	Westmoreland, N. Y.	July 10
Cotton rail-way, drawing head for	William B. Leonard	Tuscaloosa, Alabama	July 22
		Fishkill, New York	September 16

LIST OF PATENTS—FACTORY MACHINERY—Continued.

INVENTIONS OR DISCOVERIES.	NAMES OF PATENTEES.	RESIDENCE.	WHEN ISSUED.
Edging, tin plate, sheet-iron, sheathing copper, &c.	Charles F. Fisher	York, Penn.	1833.
Felt washer	William Cole	Lee, Mass.	February 28
Flyers, for flax spinning wheels	James Wilson	Monroe county, Kentucky	January 23
Glass blowing machine	Joseph Stouvenel and Francis A. Martin		February 16
Glass, knobs	Theodore T. Abbott	Philadelphia, Penn.	September 16
Hinges, butt, manufacturing	Henry P. Anderson and Josiah Sawyer	Canton, Mass.	November 19
Hinges, butt, manufacturing, table	Humphrey Treadwell	Watford, New York	June 18
Iron, cutting, punching, and slitting	John V. Buskark	Hyde Park, New York	December 31
Iron, manufacturing in two processes, called puddling and heating	William Jones	Norwalk, Ohio	April 6
Iron and steel manufacturing, by applying anthracite coal	P. W. Geissenhainer	Haversham, New York	December 16
Iron and steel manufacturing, by rolling	Rufus W. Bangs and S. W. Walbridge	New York	December 19
Lock, perplexing, unpickable	J. C. L. Daubreville	Bennington, Vermont	December 31
Lock, door, (patented May 18, 1832,) reissued	James Kyle	Ramapo, New York	May 13
Lock, door, improvement on patent, of May 18, 1833	James Kyle	Ramapo, New York	September 16
Lock, door,	Wm. Parr and James F. Fowler	Ramapo, New York	September 16
Lock, door, escutcheon, latch and bolt	Philos Blake, Eli W. Blake, and John A. Blake	New York, N. Y.	November 19
Loom, broad power	John Leland	New Haven, Connecticut	December 31
Mule, head	Henry Hopkins	Milbury, Massachusetts	March 9
Nails, spikes, grooved and flanché	Thomas W. Harvey	Providence, Rhode Island	February 22
Nails, horseshoe and others, cutting from bars of iron	Edward Rolph	Jamestown, New York	September 13
Napping cloth	Eliakim Benham	N. Providence, R. I.	September 16
Paper for walls	James P. Howland and Alfred Griswold	Roxbury, Massachusetts	January 23
		Muncy, Pennsylvania	August 10

Paper, sizing	Edmond Blake	Alstead, New Hampshire	November 19
Pencils, metallic, slides and cases, for ever pointed	James Bogardus,	New York, N. Y.	September 17
Picker and lap machine for manufacturing cotton,	Jesse Whitehead,	Godwinville, New Jersey	July 29
Pipes, manufacturing leaden	George W. Potter	Otsego, New York	March 23
Pulp washing machine	Francis Goucher	Chester county, Penn.	April 12
Pulp sifter	Sidney A. Sweet	Tyringham, Massachusetts	December 31
Rivets, cooper's, manufacturing	Timothy Allen	Plymouth, Massachusetts	February 28
Rivets, and heading screws, &c.	Thomas W. Harvey	Jamestown, New York	June 29
Rolls, combining with a connecting belt, whereby fleece or skin wool may be strained over a surface that burs, &c. may be knocked off			
Rolling metallic plates, with projections thereon,	Samuel Sawyer	Boston, Massachusetts	March 30
Ropes, forming and laying	Robert Bittenhouse	Amwell township, Pa.	March 19
Roving, or roping cotton,	George Bradley	Fishkill, New York	December 16
Spinning, cotton yarn and thread	Lucius H. Mosely	Lisbon, Connecticut	December 19
Spindle, flyer and bobbin	John A. Bradshaw	Foxborough, Massachusetts	November 18
Saw, circular	Thomas Gudden	Saddle river township, N. J.	February 11
Saw, sett	Levi Hitchcock	Springfield, Massachusetts	June 29
Screws and nuts, cutting the flutes and threads	William Hinds	Otsego, New York	August 12
Screw heads and rivets, cutting and punching metals,	Alexander Patton	Columbus, Ohio	March 21
Silk, machine for spinning	Enoch Scott	Monroe county, N. Y.	December 26
Spectacles, constructing	Adam Brooks	Sclatuate, Mass.	June 29
Speeder, cotton	Joseph Richards	New York,	December 16
Spinning cotton and building cops, on a bare spindle,	Luaman Parmelee	Poughkeepsie, New York	August 29
Spinning cotton, revolving spinner,	John L. Eddy	Killingly, Connecticut	November 19
Spooling cotton roving	Welcome A. Potter	Cranston, Rhode Island	December 16
Screws, wood manufacturing (patented Ap. 1, 1831) reissued	William H. Elliott	Leicester, Massachusetts	December 28
Spoons, mould for casting metal	Hazael Knowles	Colchester, Connecticut	March 1
Temple, for weaving	Thomas Mix	Chehire, Connecticut	March 5
Temple, Fwell	Peter Newell	Waterford, New York	January 5
Tin plate ware, (wiring machine)	C. T. K. Rollins	Lowell, Massachusetts	August 30
Tires and-hoops, punching and bending	Edward M. Converse	Southington, Connecticut	November 19
Tread-wheel, for applying horse power, &c.	William Hinds	Springfield, New York	March 7
Wadding, cotton glazing	Alanson Coats	Truxton, New York	January 23
Wool, clearing of burs	Stukely Turner	Cranston, Rhode Island	July 25
	Samuel Couillard, Junr.	Boston, Massachusetts	March 30

LIST OF PATENTEES—FACTORY MACHINERY.

NAME OF PATENTEES.	RESIDENCE.	INVENTIONS OR DISCOVERIES.	WHEN ISSUED.
Adams, David	Richmond, Va.	Carding, wool, cotton, &c.	1832.
Abbot, Theodore T.	Canton, Mass.	Glass knobs	July 27
Anderson, Henry P., and Josiah Sawyer,			November 19
Allen, Timothy,	Waterford, N. Y.	Hinges, butt, manufacturing	June 18
Boynton, John	Plymouth, Mass.	Rivets, coopers', manufacturing	February 28
Buskirk, John W.	South Coventry, Conn.	Carding, wool	March 11
Bangs, Rufus W., and S. W. Walbridge,	Norwalk, Ohio,	Iron, cutting, punching, and slitting	April 8
Blake, Philoe, Blake, Eli W., and Blake, John A.	Bennington, Vt.	Iron and steel rolling	December 31
Benham, Eliakim	New Haven, Conn.	Lock, escutcheon, latch and bolt	December 31
Blake, Edmund	Roxbury, Mass.	Napping cloth	January 23
Bogardus, James	Alstead, N. H.	Paper sizing	November 19
Bradley, George	New York	Pencils, metallic slides and cases, for ever pointed	September 17
Brooks, Adam	Fishkill, N. Y.	Ropes, forming and laying,	December 16
Bradsbaw, John A.	Situate, Mass.	Silk, machine for spinning	June 29
Cooper, Edward	Foxborough, Mass.	Spinning cotton, yarn, and thread	January 18
Cook, Calvin W.	Richmond, Va.	Bands, contracting, wrought iron	March 16
Cole, William	Lowell, Mass.	Cloth, woollen, and cotton dressing.	May 20
Converse, Edward M.	Lee, Mass.	Felt washer	January 23
Coats, Alanson,	Southington, Conn.	Tin plate ware, (wiring machine)	November 19
Coillard, Samuel, Jun.	Truxton, N. Y.	Tread-wheel for applying horse power	January 23
Drummond, John	Boston, Mass.	Wool, clearing of bars	March 30
Daubréville, J. C. L.	Brooklyn, N. Y.	Cordage, making	July 22
Eddy, John L.	Ramapo, N. Y.	Lock, perplexing, unpickable	May 13
Elliot, William H.	Killingly, Conn.	Spinning cotton, and building cops on a bare spindle	November 19
Fuller, Seth	Leicester, Mass.	Spooling, cotton, roving	December 28
Farrel, Philip	Boston, Mass.	Bells, mode of hanging	December 26
Fowler, De Grasse	New York	Candles, composition for, and mode of making	December 16
	N. Branford, Conn.	Buttons, dead eyed, wood	May 8

Fisher, Charles F.	York, Penn.	Edging, tin plate sheet iron, sheathing copper, &c.	February 28
Gayler, Charles J.	New York	Chest, iron, fire proof	April 12
Geissenhainer, F. W.	New York	Iron and steel manufacturing, by applying anthracite coal	December 19
Goucher, Francis	Chester county, Penn.	Pulp washing machine	April 13
Godden, Thomas	Saddle River towns'p. N. J.	Spindle, flyer and bobbin	February 11
Hinman, David	Canton, Conn.	Axes, forging	June 29
Hazard, Joseph P.	Washington county, R. I.	Axes, manufacturing	August 9
Hunt, Walter	New York	Castor globe	April 22
Hopkins, Henry	Providence, R. I.	Mule head	February 22
Harvey, Thomas W.	Jamestown, N. Y.	Nails, spikes, grooved and flanchel	September 13
Howland, James P., and Alfred Griswold	Muncy, Penn.	Paper for walls	August 10
Harvey, Thomas W.	Jamestown, N. Y.	Rivets, and heading screws, &c.	June 29
Hitchcock, Levi	Springfield, Mass.	Saw, circular	June 29
Hinds, William	Otego, N. Y.	Saw, sett	August 12
Hinds, William	Springfield, N. Y.	Tires and hoops, punching and bending	March 7
Jones, William	Haversham, N. Y.	Iron, manufacturing, in two processes, called puddling and heating	December 16
Kyle, James	Ramapo, N. Y.	Lock, door, (patented May 18, 1832,) reissued	September 16
Kyle, James	Ramapo, N. Y.	Lock, door, improvement on patent of May 18, 1832	September 16
Knowles, Hazard	Colchester, Conn.	Screws, wooden, (patented April 1, 1831) reissued	March 1
Leonard, William B.	Fishkill, N. Y.	Carding, cotton, engine	September 16
Lynch, James	Tuscaloosa, Ala.	Cotton gin, Jackson	July 22
Leonard, William B.	Fishkill, N. Y.	Cotton, rail way, drawing head for	September 16
Leland, John	Milbury, Mass.	Loom, broad power	March 9
Mackie, John F.	New York	Axes, manufacturing	November 19
Moses, Horatio	Paterson, N. J.	Cans, for manufacturing cotton, flax, &c.	March 12
Moseley, Lucilius H.	Libon, Conn.	Roving, or roping cotton	November 19
Mix, Thomas	Cheshire, Conn.	Spoons, moulds for casting metal	March 5
Newell, Peter	Waterford, N. Y.	Temple for weaving	January 5
Olds, Luther	Oncota, N. Y.	Axes, hoes, scythes, pitchforks, &c.	July 9
Page, George	Keene, N. H.	Chisel, cutting and clearing	August 14
Parkhurst, Stephen R.	Mendon, Mass.	Cloth, woollen, dressing	December 23
Park, John and William	Westmoreland, N. Y.	Cotton wadding manufacturing	July 16
S. Peck			
Parr, William and James	New York	Lock, door	November 19
F. Fowler	Otego, N. Y.	Pipes, manufacturing leaden	March 23
Potter, George W.			

LIST OF PATENTEES—FACTORY MACHINERY.—Continued.

NAMES OF PATENTEES.	RESIDENCE.	INVENTIONS OR DISCOVERIES.	WHEN ISSUED.
Patton, Alexander	Columbus, Ohio	Screws and nuts, cutting the flutes and threads	1833.
Parnalee, Luman	Poughkeepsie, N. Y.	Speeder, cotton	March 21
Potter, Welcome A.	Cranston, R. I.	Spinning cotton, revolving spinner	August 29
Rider, Nathaniel	Millbury, Mass.	Bobbin, cotton spool	December 16
Ripka, Joseph	Manayunk, Penn.	Cap, used as a substitute for flyers, in Danforth's frame	December 31
Rolph, Edward	N. Providence, R. I.	Nails, horseshoe, and others, cutting from bars of iron	July 31
Rittenhouse, Robert	Amwell township, Penn.	Rolling metallic plates with projections thereon	September 16
Richards, Joseph	New York	Spectacles	March 19
Rollins, C. T. K.	Lowell, Mass.	Temple ewell	December 16
Shaw, Erasmus	Canton, Conn.	Axes, forging	August 30
Sawyer, Samuel	Boston, Mass.	Bands, guiding endless belts, or aprons	June 29
Sawyer, Samuel	Boston, Mass.	Cotton, ginning and cleaning	March 30
Sawyer, Samuel	Boston, Mass.	Cotton, ginning and cleaning by a combination of rolls	March 30
Stouvenel, Joseph and Francis A. Martin	Philadelphia, Penn.	Glass blowing machine	September 16
Sweet, Samuel A.	Tyringham, Mass.	Pulp sifter	December 31
Sawyer, Samuel	Boston, Mass.	Rolls combining with a connecting belt, whereby fleece or skin wool may be strained over a surface, that burs, &c. may be knocked off	
Scott, Enoch	Monroe county, N. Y.	Screw heads and rivets, cutting and punching metals	March 30
Treadwell, Humphry	Hyde Parke, N. Y.	Hinge, table butt	December 26
Turner, Stukely	Cranston, R. I.	Wadding cotton, glazing	December 31
Whipple, Milton D.	Douglas, Mass.	Axes, forming the eyes	July 26
Williamson, Peregrine	New York	Auger, screw	January 31
Wilson, James	Monrop county, Ky.	Flyers, for flax spinning machines	September 9
Whitehead, Jesse	Godwinville, N. J.	Picker and lap machine, for manufacturing cotton	February 16
			July 23

LISTS OF PATENTS—COMMON TRADES.

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INVENTIONS OR DISCOVERIES.	NAMES OF PATENTEES.	RESIDENCE.	WHEN ISSUED.
Awl sockets, and other tools - Baskets, making spits for - Bed-bugs, destroying by steam - Bedsteads - Bedsteads, fastenings - Bedsteads - Boards, dovetailing - Boots or shoes, gum elastic attaching soles - Boots or shoes, pegged - Boots or shoes, attaching soles by means of caoutchouc - Boots or shoes, manufacturing from skins with the hair on -	Herrick Aiken Joseph L. Borden Thomas Miller Gideon Vaughan, Jun. George Porter Isaac Eaton Ari Davis Nathaniel Ruggles Samuel Preston Samuel D. Breed Stephen H. Brown, Ed- mund Brown, and Henry Whitman Solomon Gerhard and Joseph Vanneman Dimon B. Barnum Zebadiah Holt Richard Roberts Andrew W. Dury Charles Hinkle Thomas H. Sherman William F. Pendleton Andrew Gandois, and John Swales Robert Barlow Harriet Cook Webber Furbish Thomas Thorne Philo B. Pratt Warren Estabrook	Dracut, Mass. Shrewsbury, N. J. Newburgh, N. Y. Philadelphia, Penn. Cincinnati, Ohio Mount Gilthead, Va. Lancaster, Mass. Bridgeport, Conn. Danvers, Mass. Philadelphia, Penn.	1833. December 16 June 29 November 19 September 18 December 30 December 31 September 6 February 20 March 8 April 4
Boots or shoes, manufacturing - Boots, crimping - Borer, compound slide and groove - Bricks, manufacturing - Bricks, striking - Bricks, pressing and finishing - Bricks, mortar for making them water and fire proof - Bridle, check and brace - Buildings, roofing with tin, &c. -	Norfolk, Conn. Camden, N. J. New Fairfield, Conn. Chelmsford, Mass. Berlin township, Ohio Sangerfield, N. Y. Allentown, Penn. Scriba, N. Y. King and Queen co. Va.	Norfolk, Conn. Camden, N. J. New Fairfield, Conn. Chelmsford, Mass. Berlin township, Ohio Sangerfield, N. Y. Allentown, Penn. Scriba, N. Y. King and Queen co. Va.	April 16 July 36 August 5 May 27 March 2 March 7 June 1 December 30 February 20
Bungs, machine for cutting - Calash, balloon, or hat case for ladies - Churns - Churns - Churns, machinery for working them - Churns -	Petersburg, Va. Philadelphia, Pa. Onondaga, N. Y. Hallowell, Me. Clinton, N. Y. Kent, Conn. Salem, Ohio	Petersburg, Va. Philadelphia, Pa. Onondaga, N. Y. Hallowell, Me. Clinton, N. Y. Kent, Conn. Salem, Ohio	January 5 June 29 February 20 March 6 April 12 July 22 November 19

LIST OF PATENTS—COMMON TRADES—Continued.

INVENTIONS OR DISCOVERIES.	NAMES OF PATENTEES.	RESIDENCE.	WHEN ISSUED.
Churns - - - - -	Uriah L. Clark	Manor township, Penn.	December 31
Churns - - - - -	Iram Brewster	Blenheim, N. Y.	December 31
Clap boards, machine - - - - -	Daniel Newton	Dalton, N. H.	January 31
Clay, machine for breaking - - - - -	Nathaniel Boynton	Danville, Vt.	February 27
Clay, machine for tempering and preparing - - - - -	Nathaniel Adams	Cornwall, N. Y.	December 16
Collars, for horses - - - - -	Horace Holton	Rochester, N. Y.	May 16
Collars, Belvidere shirt - - - - -	Wm. J. Cantelo and Robert M. Kerrison	Philadelphia, Penn.	November 19
Crackers, machine for cutting - - - - -	George M. Kendall	Catskill, N. Y.	May 3
Crackers, moulding - - - - -	Joshua G. Driscoll	Auburn, N. Y.	November 19
Crackers, biscuit, &c. cutting, (patented September 13, 1830,) re-issued - - - - -	Joseph Clarke and Henry Henderson	Philadelphia, Penn.	September 18
Elevating brick, stone, and mortar - - - - -	Charles G. Fairman	Lewiston, N. Y.	December 16
Fence posts - - - - -	Henry Vail	Cortland, N. Y.	February 1
Flesh, fruit, &c. machinery for cutting - - - - -	Joseph Buffington	Chester, Penn.	July 5
Garments' measuring for - - - - -	James Mendenhall	West Chester, Penn.	April 16
Garments, measuring for - - - - -	C. W. M. Bacon	New York	April 20
Garments, measuring and cutting - - - - -	James G. Wilson	New York	May 3
Gasinets, measuring, or the art of tailoring - - - - -	Daniel Williams	New York	May 22
Garments, marking off and cutting out - - - - -	George Beard, Jun.	W. Whiteland township, Pa.	August 5
Garments, marking off and cutting out - - - - -	Benjamin J. Lewis	Mt. Vernon, Ohio	November 19
Grinding tools, hammers, sod irons, &c. - - - - -	Daniel Welch	Canaan, New Hampshire	January 10
Grooving machine - - - - -	David D. Hanson	Ware, New Hampshire	June 29
Grooving machine and planing bit - - - - -	John Shugert	Laurenceville, Penn.	November 19
Hammer, swedge spring - - - - -	William Field	North Providence, R. I.	September 14
Harness, safety - - - - -	Charles Rogers	Baltimore, Maryland	July 22
Hoops, making - - - - -	Moses Granger	Utica, New York	December 31
Inkstands - - - - -	Ezra Southworth	Saybrook, Connecticut	June 29
Knife, currying - - - - -	Thomas C. Barr	Clark county, Ken.	January 28
Knife, currying, tempering - - - - -	Daniel S. Delano	Cornwall, Connecticut	April 6

Knife, currying	-	John Glenn and John Herd	Urbanna, Ohio	December 16
Knife, shoe	-	Ira Hatch	Essex, Vermont	August 16
Laths, machine for cutting	-	Orange H. Dibble	Evans, New York	January 22
Laths, machine for cutting	-	James Mend and Aaron W. Pierson, executor of Wyllis Pierson, deceased.	Lebanon, Ohio	December 31
Leather, machine for shaving	-	James Reilly	Waynesborough, Penn.	February 28
Leather, machine for cutting	-	Joseph S. Bishop	Wayne, Maine	June 29
Leather, machine for splitting	-	Joseph P. Shaw and John C. Briggs	Boston, Massachusetts	December 31
Mangle, American or Domestic calender	-	Isaac Doolittle	Bennington, Vermont	February 1
Marble and other stone, sawing, moulding and polishing	-	Isaac D. Kirk	Philadelphia, Penn.	February 26
Marble, and other stone or wood, sawing	-	Charles B. Austin	Kensington, Penn.	December 24
Mattress or seaman's bed	-	Israel Martin	Boston, Massachusetts	September 17
Milk, preparing for butter and cheese	-	Calvin Ainsworth	Littleton, N. H.	November 19
Mortising and boring stiles for doors, window blinds	-	David Hathaway	Troy, New York	February 5
Mortising in wood	-	George Page	Keene, N. H.	March 13
Mortising door stiles, &c.	-	Asaph Whitmarsh	East Bridgewater, Mass.	July 30
Mortising machine	-	Joseph Dennis and Israel J. Richardson	Palmyra, New York	November 19
Mortising machine	-	Henry Mellich	Walpole, N. H.	November 19
Mortising and tenoning machine	-	L. Sprague, M. Noyes, T. Lund, Jun. and J. Ayres	Dunstable, N. H.	November 19
Pad, brace or stiffener for harness	-	Silas Lamson	Sterling, Massachusetts	January 6
Pegging boots and shoes	-	Ava Woodruff	Westford, Massachusetts	September 6
Planing machine	-	Benjamin Kugler	Philadelphia, Penn.	June 3
Planing machine, jointing, tonguing, grooving &c.	-	James McGregor, Jan.	Wilton, New York	August 28
Razor strap	-	Elisha M. Pomery	Wallingford, Conn.	September 6
Razor case, portable	-	Harvey Wright	Bristol, Connecticut	November 19
Roofs, covering with sheet iron, tin, &c.	-	Charles Bonnycastle	Charlottesville, Va.	June 29
Roofs, fire-proof soap clay covering	-	Hezekiah Steel	Hudson, N. Y.	June 29
Saddle, elastic seat	-	Bushrod Smith	Romney, Virginia	August 24
Sausage, machine for cutting	-	Samuel L. Hoar	Salisbury, Pennsylvania	February 1
Sausage, machine for cutting	-	Joseph Wagner	Brunswick township, Pa.	March 19
Sausage, machine for cutting	-	Louis Bayha and Frederick Rapp	Wheeling, Virginia	April 8

LIST OF PATENTEES—COMMON TRADES—Continued.

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INVENTIONS OR DISCOVERIES.	NAMES OF PATENTEES.	RESIDENCE.	WHEN ISSUED.
Sawing round bodies for coopers' ware	-	-	1833.
Scrubbing machine,	Samuel Newton	Hamilton county, Ohio	June 29
Shingles, machine for shaving	Thomas Riekey	Greenfield, Ohio	December 26
-	Augustus R. Benjamin	-	May 4
-	and Philo Bushnell	-	November 19
Shingles, machine for making	John Bush	Hunter, New York	November 19
Shingles, machine for staves, siding, laths, &c.	Richard Hunt	Tippacanoe county, Ind.	November 19
Skins, deer dressing	Orin Kyes	Carroll, New York	September 6
Staves, sawing or rounding	Philip Cornell	Norwich, Connecticut	September 6
Staves, saw for sawing	Summer King	Woodsport, New York	January 5
Staves, dressing	Lemuel Reed and Alfred Willoughby,	Chittenango, New York	August 29
Staves, cutting, shaving, and jointing	Ebenezer Gregg	Rochester, New York	September 16
Stand, wash	Ezra Ripley	Derby, New Hampshire	December 27
Sticks, frames of hair	William Merriam	Schenectady, New York	December 27
Straps for pantaloons	Enos Wilder	New Haven county, Conn.	March 14
Striker for smithwork	Lewis Stupe	Boston, Massachusetts	November 19
Tenons and shoulders cut on spokes of wheels	Pitner Enmitt	Stokes county, N. C.	September 6
Tenoning machine	Henry Mellish	Hopewell, Pennsylvania	June 29
Tobacco, machine for cutting spun	Ashton Johnson, assignee of James Martin	Walpole, New Hampshire	November 19
Tobacco, machine for spinning	Ashton Johnson, assignee of James Martin	Petersburg, Virginia	November 19
Tobacco, machine for manufacturing	John B. Rappelyea and Joel Barns	Petersburg, Virginia	November 19
Traps, for animals	Henry Adams	Covington, Connecticut	November 19
Washboard	Stephen Rust	Erie county, Pennsylvania	August 10
Washing machine	Eaton Wilber	Manlius, New York	February 9
Washing machine and churn	Oliver H. Brooks	Sullivan, New York	January 11
Washing machine	Larkin Smith	E. Bethel, Vermont	March 11
Washing machine	James B. Dunkin	Guilford county, N. C.	April 26
-	-	Union, Virginia	May 15

LIST OF PATENTEES—COMMON TRADES.

NAMES OF PATENTEES.	RESIDENCE.	INVENTIONS OR DISCOVERIES.	WHEN ISSUED.
Washing machine -	-	-	-
Washing machine -	-	-	-
Washing machine -	-	-	-
Washing machine, universal band	-	-	-
Water closets, portable	-	-	-
Window blinds, opening and shutting	-	-	-
Window sash blinds and panel work machine	-	-	-
Window frieze -	-	-	-
Window sash manufacturing	-	-	-
Benjamin Hinkley	-	Fayette, Maine	July 23
George W. Wilson	-	Dunstable, N. H.	August 7
Samuel Swett, Jun.	-	Readfield, Maine,	September 18
Bohan Dewey	-	Milton township, Ohio	November 19
Andrew Glendenning	-	Frankfort, Ind.	November 19
Edward Robinson	-	New York,	November 19
Edwin Keith	-	Bridgewater, Mass.	January 25
John Tichenor	-	Ithaca, New York,	March 25
Williams Woolley	-	New York.	August 13
Amos Miner	-	Elbridge, New York	November 19
Aiken, Herrick	-	-	-
Adams, Nathaniel	-	-	-
Austin, Charles B.	-	-	-
Ainsworth, Calvin	-	-	-
Adams, Henry	-	-	-
Borden, Jos. L.	-	-	-
Breed, Samuel D.	-	-	-
Brown, Stephen H., Ed- mund Brown, and H. Whitman	-	-	-
Barnum, Dimon B.	-	-	-
Barlow, Robert	-	-	-
Brewster, Iram	-	-	-
Boynton, Nathaniel	-	-	-
Buffington, Joseph	-	-	-
Bacon, C. W. M.	-	-	-
Beard, George, Jr.	-	-	-
Dracut, Mass.	-	-	-
Cornwall, N. Y.	-	-	-
Kensington, Penn.	-	-	-
Littletown, N. H.	-	-	-
Eric county, Penn.	-	-	-
Shrewsbury, N. J.	-	-	-
Philadelphia, Penn.	-	-	-
Norfolk, Conn.	-	-	-
New Fairfield, Conn.	-	-	-
Philadelphia, Penn.	-	-	-
Blenheim, N. Y.	-	-	-
Danville, Vt.	-	-	-
Chester, Penn.	-	-	-
New York	-	-	-
W. Whiteland township, Pa.	-	-	-
Awl sockets and other tools	-	-	-
Clay, machine for tempering and preparing	-	-	-
Marble, stone, or wood sawing	-	-	-
Milk, preparing for butter and cheese	-	-	-
Traps for animals	-	-	-
Baskets, making splits for	-	-	-
Boots or shoes, attaching soles by means of cautchouc	-	-	-
Boots or shoes, manufacturing from skins with the hair on	-	-	-
Boots, crimping	-	-	-
Bungs, machine for cutting	-	-	-
Churn	-	-	-
Clay, machine for breaking	-	-	-
Flesh, fruit, &c., machine for cutting	-	-	-
Garments, measuring for	-	-	-
Garments, marking off and cutting out	-	-	-

1833.

December 16

December 16

December 24

November 19

August 10

June 29

April 4

April 16

August 5

June 29

December 31

February 27

July 5

April 20

August 5

LIST OF PATENTEES—COMMON TRADES—Continued.

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NAMES OF PATENTEES.	RESIDENCE.	INVENTIONS OR DISCOVERIES.	WHEN ISSUED.
Barr, Thomas C.	Clark county, Ken.	Knife, currying	1833.
Bishop, Joseph S.	Wayne, Me.	Leather, machine for cutting,	January 28
Bonnycastle, Charles	Charlottesville, Va.	Roofs, covering with sheet iron, tin, &c.	June 25
Bayha, Louis, and Fred. Rapp	Wheeling, Va.	Sausages, machine for cutting	June 29
Benjamin, Augustus R.	Hunter, N. Y.	Shingles, machine for cutting	April 8
Philo Bushnell	Tippecanoe county, Inda.	Shingles, machine for making	May 4
Bush, John	E. Bethel, Vermont	Washing machine and churn	November 19
Brooks, Oliver H.	Onondaga, N. Y.	Calash, balloon or hat case for ladies	March 11
Cook, Harriet	Manor township, Penn.	Churn,	February 30
Clark, Uriah L.	Philadelphia, Penn.	Collars, Belvidere shirt	December 31
Cantelo, William J. and Robert M. Kerrison	Philadelphia, Penn.	Crackers, biscuit, &c. cutting, pat'd Sep. 13, 1830, reissued	November 19
Clark, Jos. and Henry Henderson	Philadelphica, Penn.	Staves, sawing or rounding	September 18
Cornell, Philip	Weedsport, N. Y.	Boards, dovetailing	January 5
Davis, Ari	Lancaster, Mass.	Bricks, striking	September 6
Duty, Andrew W.	Sangerfield, N. Y.	Crackers, moulding	March 7
Driscoll, Joshua G.	Auburn, N. Y.	Knife, currying, tempering	November 19
Delano, Daniel S.	Cornwall, Conn.	Laths, machine for cutting	April 6
Dibble, Orange H.	Evans, N. Y.	Mangle, American or Domestic calender	January 22
Doolittle, Isaac	Bennington, Vt.	Mortising machine	February 1
Dennis, Joseph, and Israel J. Richardson	Palmyra, N. Y.	Washing machine	November 19
Dunkin, James B.	Union, Va.	Washing and fulling machine	May 15
Dewey, Bohan	Milton township, Ohio	Bedsteads	November 19
Eaton, Isaac	Mount Gilead, Va.	Churn	December 31
Estabrook, Warren	Salem, Ohio	Tenons and shoulders cut on spokes of wheels	November 19
Emmitt, Pitner	Hopewell, Penn.	Churn,	June 29
Furbish, Webber	Hallowell, Me.		March 6

Fairman, Charles G.	Lewiston, N. Y.	Elevating brick, stone, and mortar	December 16
Field, William	N. Providence, R. I.	Hammer, sledge spring	September 14
Gandoit, Andrew, and John Swales	Petersburg, Va.	Buildings, roofing with tin, &c.	January 5
Gerhard, Solomon, and Joseph Vanneman	Camden, N. J.	Boots or shoes, manufacturing	July 26
Granger, Moses	Unica, N. Y.	Hoops, making	December 31
Glenn, John, and John. Herd	Urbana, Ohio	Knife, currying	December 16
Gregg, Ebenezer	Derry, N. H.	Staves, cutting, shaving, and jointing	December 27
Glendenning, Andrew	Frankfort, Indiana	Washing machine, universal band	November 19
Holt, Zebadiah	Chelmsford, Mass.	Borer, compound slide and groove	May 27
Hinkle, Charles	Allentown, Penn.	Bricks, pressing and finishing	June 1
Holton, Horace	Rochester, New York	Collars for horses	May 16
Hanson, David D.	Ware, N. H.	Grooving machine	June 29
Hatch, Ira	Essex, Vermont	Knife, shoe	August 13
Hathaway, David	Troy, New York	Mortising and boring stiles for doors, &c.	February 6
Hoar, Samuel L.	Salisbury, Penn.	Sausage, machine for cutting	February 1
Hunt, Richard	Carroll, New York	Shingles, staves, siding laths, &c.	November 19
Hinkley, Benjamin	Fayette, Maine	Washing machine	July 23
Johnson, Ashten, assig. of James Martin	Petersburg, Virginia	Tobacco, machine for cutting spun	November 19
Johnson, Ashten, assig. of James Martin	Petersburg, Virginia	Tobacco, machine for spinning	November 19
Kendall, George M.	Catskill, New York	Cruckers, machine for cutting	May 3
Kirk, Isaac D.	Philadelphia, Penn.	Marble and other stone, sawing, moulding, and polishing	February 26
Kugler, Benjamin	Philadelphia, Penn.	Planing machine	June 3
Kyes, Orrin	Norwich, Conn.	Skins, deer, dressing	September 6
King, Sumner	Chittanooga, New York	Staves, saw for sawing	August 29
Keith, Edwin	Bridgewater, Mass.	Window blinds, opening and shutting	January 25
Lewis, Benjamin J.	Mount Vernon, Ohio	Garments, marking off and cutting off	November 19
Lamson, Silas	Sterling, Mass.	Pad, brace, or stiffener for harness	January 5
Miller, Thomas	Newburgh, New York	Bed bugs, destroying by steam	November 19
Mendenhall, James	West Chester, Penn.	Measuring for garments	April 16
Mead, James, and Aaron W. Pierson, ex'r of Wyllis Pierson, dec'd	Lebanon, Ohio	Laths, machine for cutting	December 31
Mellish, Henry	Walpole, N. H.	Mortising machine	November 19

LIST OF PATENTEES—COMMON TRADES—Continued.

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NAMES OF PATENTEES.	RESIDENCE.	INVENTIONS OR DISCOVERIES.	WHEN ISSUED.
McGregor, Jun., James	Wilton, New York	Planing, jointing, tonguing, grooving, &c.	1851.
Merriam, William	New Haven county, Conn.	Stocks, frames of hair	August 28
Mellish, Henry	Walpole, N. H.	Tenoning machine	March 14
Miner, Amos	Elbridge, New York	Window sash manufacturing	November 19
Martin, Israel	Boston, Mass.	Mattress, or seaman's bed	November 19
Newton, Daniel	Dalton, N. H.	Clap board machine	September 17
Newton, Samuel	Hamilton county, Ohio	Sawing round bodies for coopers' ware	January 31
Porter, George	Cincinnati, Ohio	Belstead fastenings	June 29
Preston, Samuel	Danvers, Mass.	Boots or shoes, pegged	December 30
Pendleton, William F.	King and Queen co., Va.	Bridle, check, and brace	March 8
Pratt, Philo B.	Kent, Conn.	Churns, machinery for working them	February 20
Page, George	Keene, N. H.	Mortising in wood	July 32
Pomeroy, Elisha M.	Wallingford, Conn.	Razor strap	March 13
Ruggles, Nathaniel	Bridgeport, Conn.	Boots or shoes, gum elastic attaching soles	September 6
Roberts, Richard	Berlin township, Ohio	Bricks, manufacturing	February 20
Rogers, Charles	Baltimore, Maryland	Harness safety	March 2
Reilly, James	Waynesborough, Penn.	Leather, machine for shaving	July 23
Rickey, Thomas	Greenfield, Ohio	Scrubbing machine	February 28
Read, Lemuel, and Alfred Willoughby	Rochester, New York	Staves, dressing	December 26
Ripley, Ezra	Schenectady, N. Y.	Stand, wash	September 16
Rappeleyea, John B., and Joel Barnes	Covington, Conn.	Tobacco, manufacturing	December 27
Rust, Stephen	Manlius, N. Y.	Washboard	November 19
Robinson, Edward	New York	Water closets, portable	February 9
Sherman, Thomas H.	Scriba, New York.	Bricks, mortar for making them water and fire proof	November 19
Shugert, John	Lawrenceville, Penn.	Grooving and planing bit	December 30
Southworth, Ezra	Saybrook, Conn.	Inkstands	November 19
Shaw, Joseph P., and John C. Briggs	Boston, Mass.	Leather, machine for splitting	June 29
			December 31

Sprague, L., M. Noyes,
T. Lund, Jun., and J.
Ayres
Steel, Hezekiah
Smith, Bushrod
Stipe, Lewis
Smith, Larkin
Swett, Samuel, Jr.,
Thorne, Thomas
Tichanor, John
Vaghan, Gideon Jr.,
Vail, Henry
Wilson, James G.
Williams, Daniel
Welsh, Daniel
Whitmarsh, Asaph
Woodruff, Ava
Wright, Harvey
Wagner, Joseph
Wildor, Enos
Wilber, Eaton
Wilson, George W.
Woolley, Williams

Dunstable, N. H.
Hudson, N. Y.
Runney, Va.
Stokes county, N. C.
Guilford county, N. C.
Readfield, Maine
Clinton, N. Y.
Ithaca, N. Y.
Philadelphia, Penn.
Cortland, N. Y.
New York
New York
Canaan, N. H.
E. Bridgewater, Mass.
Westford, Mass.
Bristol, Conn.
Brunswick township, Pa.
Boston, Mass.
Sullivan, N. Y.
Dunstable, N. H.
New York

Mortising and tenoning machine.
Roofs, fire proof soap clay covering
Saddle, elastic seat
Striker for smith work
Washing machine
Washing machine
Churn
Window sash, blinds, and pannel work machine
Bedsteads
Fence posts
Garments, measuring and cutting
Grinding tools, hammers, sod irons, &c.
Mortising door stiles, &c.
Pegging boots and shoes
Razor case, portable
Sausage, machine for cutting
Straps for pantaloons
Washing machine
Washing machine
Window frieze

November 19
June 29
August 24
September 6
April 25
September 18
April 19
March 25
September 18
February 1
May 3
May 22
January 10
July 30
September 6
November 19
March 19
November 19
January 11
August 7
August 13

LIST OF PATENTS—LAND WORKS.

INVENTIONS OR DISCOVERIES.	NAMES OF PATENTEES.	RESIDENCE.	WHEN ISSUED.
Bridges, constructing Cars, rail-road Cars, rail-road, passenger Cars, rail-road, wheels for curved roads Fences, wire	August, Canfield Jonas P. Fairlamb John Stephenson Abel Look Samuel F. Dexter	Patterson, New Jersey Philadelphia, Penn. New York Waterford, New York Auburn, New York	1833. June 29 January 19 April 23 December 31 August 19

LIST OF PATENTS—LAND WORKS—Continued.

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INVENTIONS OR DISCOVERIES.	NAMES OF PATENTEES.	RESIDENCE.	WHEN ISSUED.
Grabbing machine, and for working on roads	-	-	1833,
Guide posts	Elias Fraser	Hector, New York	December 31
Locomotive and other engines for rail-roads	Robert C. Manners	Boston, Massachusetts	August 13
Platform, revolving, for rail-roads	S. H. Long	Philadelphia, Penn.	January 17
Rail chair, edge	John Elgar	Philadelphia, Penn.	April 12
Rail-roads, constructing	William B. Mitchell	Philadelphia, Penn.	February 27
Roads, making	Elisha Johnson	Rochester, New York	November 19
Roads, making	John S. Williams	Hamilton county, Ohio	June 29
Streets, machine for sweeping	John Hartman	Scottsville, Virginia	June 29
Wheels for locomotive engines, and cars for rail-roads	Levi Kidder	New York	September 20
Wheels for rail-road carriages	Matthias W. Baldwin	Philadelphia, Penn.	June 29
Wheels for cars and locomotive engines	John Elgar	Philadelphia, Penn.	November 19
	Ross Winans	Baltimore, Maryland	November 19

LIST OF PATENTEES—LAND WORKS.

NAMES OF PATENTEES.	RESIDENCE.	INVENTIONS OR DISCOVERIES.	WHEN ISSUED.
Baldwin, Matthias W.	Philadelphia, Penn.	Wheels for locomotive engines and cars	June 29
Cantfield, Augustus	Patterson, New Jersey	Bridges, constructing	June 29
Dexter, Samuel F.	Auburn, New York	Fences, wire	August 19
Elgar, John	Philadelphia, Penn.	Platform, revolving, for rail-roads	April 12
Elgar, John	Philadelphia, Penn.	Wheels for rail-road carriages	November 19
Fairlamb, Jonas P.	Philadelphia, Penn.	Cars, rail-road	January 19
Fraser, Elias	Hector, New York	Grabbing machine, and for working on roads	December 31
Hartman, John	Scottsville, Virginia	Roads, making	June 29

Johnson, Elisha	-	Rochester, New York	Rail-roads, constructing	-	November 19
Kidder, Levi	-	New York	Streets, machine for sweeping	-	September 20
Look, Abel	-	Waterford, New York	Cars, rail-road, wheels for curved roads	-	December 31
Long, S. H.	-	Philadelphia, Penn.	Locomotive and other engines for rail-roads	-	January 17
Manners, Robert C.	-	Boston, Massachusetts	Guide posts	-	August 13
Mitchell, William B.	-	Philadelphia, Penn.	Rail, chair edge	-	February 27
Stephenson, John	-	New York	Rail-road cars, passenger	-	April 22
Williams, John S.	-	Hamilton county, Ohio	Roads, making	-	June 29
Winans, Ross	-	Baltimore, Maryland	Wheels for cars and locomotive engines	-	November 19

LIST OF PATENTS—NAVIGATION.

INVENTIONS OR DISCOVERIES.	NAMES OF PATENTEES.	RESIDENCE.	WHEN ISSUED.
Boats, portable screw	Joseph Francis	New York	1833.
Boats and arks	Thomas Symington	Baltimore, Md.	April 23
Boats, for canals and rivers	Silvester Doolittle	Utica, N. Y.	July 23
Canal-boats propelled by steam	Francis A. Dorman	Norfolk, Va.	November 19
Canal-boats	Ezra Reed	Pottstown, Pa.	March 7
Chain, safety, for hauling down ships	James Fales and Thomas D. Brown	Bellford, Mass.	April 6
Dams, coffer	William Esby	Washington, D. C.	March 9
Decks of ships, framing, kneeling off and securing, called a lock dove-tail key purchase	John Bearce	Bristol, Me.	November 19
Paddle-wheels of steam and horse boats	James P. Espy	Philadelphia, Pa.	February 7
Preserving timber, &c.	Charles Morgan	Point Coupée, La.	May 22
Propelling steam-boats, &c. machinery in lieu of wheels	James McCurdy	Norwich, Conn.	April 12
Propelling canal boats	Jer. Smith & Jno. Brown	New York	September 18
Plug and trunnel geared machine for ships	Jesse Reed	Marshfield, Mass.	November 19
Raising vessels	Thomas R. Gedney	Washington, D. C.	July 22
Rudders, hanging and securing	Richard M. Taylor	New York	August 9
			February 14

LIST OF PATENTS.—NAVIGATION—Continued.

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INVENTIONS OR DISCOVERIES.	NAMES OF PATENTEES.	RESIDENCE.	WHEN ISSUED.
Ships, &c., ceiling	-	-	1833.
Steering vessels, apparatus for	Andrew M. Frink	New London, Conn.	December 31
Thimble, ships	Benj. F. Adams	Boston, Mass.	November 19
Vessels, constructing	Barnabas Thacker	Yarmouth, Mass.	March 3
Walls, building in deep water	James Barron	Philadelphia, Pa.	April 5
Water-wheel for steam-boats, &c.	Henry K. May	Boston, Mass.	September 23
	David Hulme	Bergen county, N. J.	April 16

LIST OF PATENTEES.—NAVIGATION.

NAMES OF PATENTEES.	RESIDENCE.	INVENTIONS OR DISCOVERIES.	WHEN ISSUED.
Adams, Benjamin F.	Boston, Mass.	Steering vessels, apparatus for	1833.
Bearce, John	Bristol, Me.	Decks of ships, framing, kneeling off and securing, called	November 19
Barron, James	Philadelphia, Pa.	a lock dove-tail key purchase	February 7
Doolittle, Silvester	Utica, N. Y.	Vessels, constructing	April 5
Dorman, Francis A.	Norfolk, Va.	Boats for canals and rivers	November 19
Easby, William	Washington, D. C.	Canal boats propelled by steam	March 7
Espy, James P.	Philadelphia, Pa.	Dams, coffer	November 19
Francis, Jos.	New York	Paddle-wheels of steam and horse boats	May 29
Fales, J., & Tho. D. Brown	Bedford, Mass.	Boats, portable screw	April 23
Frink, Andrew M.	New London, Conn.	Chain, safety, for hauling down ships	March 9
Gedney, Thomas R.	Washington, D. C.	Ships, &c., ceiling	December 31
		Raising vessels	August 9

LIST OF PATENTS.—CALORIFIC AND STEAM APPARATUS.

INVENTIONS OR DISCOVERIES.	NAMES OF PATENTEES.	RESIDENCE.	WHEN ISSUED.
Hulme, David	Bergen county, N. J.		April 16
Morgan, Charles	Point Coupee, La.		April 12
McCurdy, James	Norwich, Conn.		September 18
May, Henry K.	Boston, Mass.		September 23
Reed, Ezra	Pottstown, Pa.		April 6
Reed, Jesse	Marshfield, Mass.		July 29
Symington, Thomas	Baltimore, Md.		July 23
Smith, Jeremiah, and John Brown	New York		November 19
Taylor, Richard M.	New York		February 14
Thacker, Barnabas	Yarmouth, Mass.		March 2
Water wheels for steam-boats, &c.			
Preserving timber, &c.			
Propelling steam-boats, &c., machinery in lieu of wheels			
Walls, building in deep water			
Canal boats			
Plug and trunnel geared machine			
Boats and arks			
Propelling canal boats			
Rudders, hanging and securing			
Thimbles, ship's, &c.			
Bath, medicated Shampoo	Richard D. Mott	Boston, Massachusetts	December 16
Bathing apparatus	Heinrich Bachmann and Joseph Ehrenfried		1833.
Bathing apparatus	Daniel Brumley	Lancaster, Pennsylvania	January 26
Boilers for generating steam	M. T. Wallace	New York	November 19
Boilers for generating steam, and wheels for locomotive engines	S. H. Long	New York	April 12
Boilers, combined furnace steam	Levi Disbrow	Philadelphia, Penn.	May 6
Boilers, safety steam	Charles Curtis	New York	May 6
Boilers, steam, and supplying with water, and ascertaining the height therein	William W. Van Loan	New York	May 28
Burners, anthracite coal	James N. Olney	New York	December 31
Cap chimney, for increasing draught in furnaces, &c.	James P. Espy	Providence, Rhode Island	December 26
Cap chimney, for preventing the emission of sparks	Edward A. G. Young	Philadelphia, Penn.	June 29
Chimneys, curing smoky	David Bain	Newcastle, Delaware	July 22
Coffee roaster	Amos Ransom	Baltimore, Maryland	February 6
		Hartford, Connecticut	December 31

LIST OF PATENTS.—CALORIFIC AND STEAM APPARATUS—Continued.

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INVENTIONS OR DISCOVERIES.	NAMES OF PATENTEES.	RESIDENCE.	WHEN ISSUED.
Cooking, or boiling apparatus	Thomas K. Anderson	Boston, Massachusetts	1833.
Cooking apparatus, and house warmer	Richard Johnson	Baltimore, Maryland	March 22
Distillery	Henry Becker	Warwick township, Penn.	November 19
Distilling apparatus	Simeon De Witt	Albany, New York	June 29
Distilling apparatus	Joseph T. Dwyer	Nashville, Tennessee	January 30
Evaporating vessels to carry caloric from No. 1 to any number upwards, purifying sugar, extracting acids therefrom, &c.	John C. Douglas	Cincinnati, Ohio	November 19
Forge backs	Frederick Avery	Hamilton, New York	February 12
Forge backs	Timothy Bush, Jun.	Springhort, New York	April 13
Forge backs, (patented December 16, 1833) re-issued	Asa Graham	Hamilton, New York	February 26
Furnace, combined	Levi Diabrow	New York	May 6
Fire alarm	James Dinsmore	Milburn, Maine	May 14
Fire place, sheet iron	Joseph Ingalls	Sandbornton, N. H.	May 23
Fire place, sheet iron	Levi Mansfield	New Hartford, New York	May 29
Fire place or stove	John E. Cayford	Milburn, Maine	December 31
Furnace for burning anthracite coal, for heating and evaporating liquids	William Barrett	Malden, Massachusetts	November 19
Furnace, friction for generating heat without the consumption of fuel	John W. Cochran	Lowell, Massachusetts	November 19
Furnace, blast blowing	John Steece	Lawrence county, Ohio	May 16
Gas, resulting from the ignition of explosive compounds applied to machinery	Henry Rogers	New York	June 29
Gas lamp, called oil or spirit	Joseph M. Truman and George Truman	Penn township, Penn.	November 19
Grate, fire	James Atwater	New Haven, Connecticut	January 9
Grate, and fire place for anthracite coal	William M. Russell	Boston, Massachusetts	February 8
Heating liquids by steam	Joseph B. Armstrong	Wilkes county, Georgia	May 29
Heating air for warming houses, called a fuel-saving house heater and cooking stove	Josiah W. Kirk and Eli Kirk,	Philadelphia, Penn.	August 30

Kiln, lime	-	-	-	Thomas H. Powers	-
Lamp, suspension barrel	-	-	-	Ira Couch and James A. Frary	-
Oven	-	-	-	Josiah C. Carlisle	-
Oven, union	-	-	-	J. S. Gold	-
Steam engine, rotary	-	-	-	Charles R. Alsop	-
Steam generating	-	-	-	Joseph Truman and Jas. Cooke	-
Steam, applying	-	-	-	Ethan Baldwin	-
Steam, generator and refiner	-	-	-	John L. Hinkle	-
Steam, engine rotary	-	-	-	Abraham Pott and B. F. Pomroy	-
Steam, generating, for cooking, &c.	-	-	-	Harden Branch	-
Steam, generating, for forging malleable iron, &c.	-	-	-	Peter J. Clute	-
Steam engine, vibrating	-	-	-	Nathan Rowland	-
Steam engine, horizontal	-	-	-	Charles Curtis	-
Steam and condensed air applied to machinery	-	-	-	Elizabeth C. Spafford, administratrix of H. G. Spafford	-
Steam engine, revolving or concentric	-	-	-	Edward Penny and Isaac N. Crosby	-
Steam power	-	-	-	Elisha Bates	-
Steam engines, lubricating the pistons, piston rods, valves, cocks, &c.	-	-	-	Samuel Hall	-
Steam, generating	-	-	-	Isaiah Jennings	-
Steam, applying to machinery	-	-	-	John Lockwood	-
Still, copper	-	-	-	John Wright and David Polley	-
Still, perpetual	-	-	-	Simon Emery	-
Still	-	-	-	Elias Herr	-
Stove, double cooking, and fire place	-	-	-	Thomas McCarty	-
Stove, double, for heating apartments	-	-	-	John Dunley	-
Stove, cooking	-	-	-	Theodore Budington	-
Stove, cooking, shifting	-	-	-	Henry Cressman	-
Stove, cooking, for wood or coal	-	-	-	Leopold Gottia	-
Stove, anthracite coal, closing the ash pit illuminating front-	-	-	-	Eliphalet Nott	-
Stove, anthracite coal, constructing sashes for mica	-	-	-	Eliphalet Nott	-

Sodus, New York	-	April 17
Meriden, Connecticut	-	March 13
Chester ville, Maine	-	April 19
Norwich, Connecticut	-	December 16
Middletown, Connecticut	-	January 21
Bridgeport, Pennsylvania	-	January 24
Washington, D. C.	-	January 28
Hanover, Pennsylvania	-	February 23
Pottsville, Pennsylvania	-	March 11
New York	-	April 12
Schenectady, New York	-	May 20
Philadelphia, Penn.	-	May 24
New York	-	May 28
Lansingburgh, New York	-	July 2
Rochester, New York	-	July 23
Mount Pleasant, Ohio	-	July 27
Basford, England	-	November 19
Philadelphia, Penn.	-	December 19
Sodus, New York	-	December 28
New York	-	April 4
Philadelphia, Penn.	-	April 9
Lampeter township, Penn.	-	December 24
Elmira, New York	-	January 23
Richmond, Va.	-	January 24
Bridgeport, Conn.	-	January 25
Philadelphia, Penn.	-	February 7
Huntington, Penn.	-	February 18
Schenectady, N. Y.	-	June 29
Schenectady, N. Y.	-	June 29

LIST OF PATENTS—CALORIFIC AND STEAM APPARATUS—Continued.

INVENTIONS OR DISCOVERIES.	NAMES OF PATENTEES.	RESIDENCE.	WHEN ISSUED.
			1833.
Stove, anthracite coal, vertical grate, combining the sash therewith for mica, and inlet for fuel	Eliphalet Nott	Schenectady, N. Y.	June 29
Stove, anthracite coal, lining between which and the front plate, the flue for the ascent of air and descent of ashes	Eliphalet Nott	Schenectady, N. Y.	June 29
Stove, anthracite coal, preventing the escape of heat from the top of an ignited pile of fuel	Eliphalet Nott	Schenectady, N. Y.	June 29
Stove, anthracite coal, construction of tops by a combination of sections cast separately	Eliphalet Nott	Schenectady, N. Y.	June 29
Stove, anthracite coal, combination and confinement in place of the damper and handle	Eliphalet Nott	Schenectady, N. Y.	June 29
Stove, anthracite coal, construction and adjustment of brick forming the flue for confining combustion to the base of fuel	Eliphalet Nott	Schenectady, N. Y.	June 29
Stove, anthracite coal, material and construction of pipes	Eliphalet Nott	Schenectady, N. Y.	June 29
Stove, anthracite coal, increasing the evolution of heat	Eliphalet Nott	Schenectady, N. Y.	June 29
Stove, anthracite coal, treatment of metallic bodies, &c.	Eliphalet Nott	Schenectady, N. Y.	June 29
Stove, anthracite coal, combination	James Atwater	New Haven, Conn.	August 23
Stove, anthracite coal, grate or furnace, improvement applicable to	James Atwater	New Haven, Conn.	August 23
Stove, cooking	Lewis Kingsbury	Lavonia, New York	September 19
Stove, cooking, or digestive furnace	Henry L. Bidwell	Berlin, Conn.	March 8
Stove, anthracite coal, cooking	Hezekiah Steel	Hudson, New York	November 19
Stove, cooking	Elisha Town	Montpelier, Vermont	December 16
Stove, cooking, with anthracite coal or wood	Jordon L. Mott	New York	December 30
Sugar, manufacturing	William Shaw	Albany, New York	December 31
Sugar, caking	Guy Duplantier	East Baton Rouge, Lou.	January 21
Sugar damper furnace	Urriel Smith	Sandisfield, Mass.	January 21
Valve, screw poppet or throatle	Joshua Jordon	Boston, Mass.	December 27
	E. A. H. Young	New Castle, Del.	January 19

Valve, steam of locomotive and other engines, forcing pumps and wheels for locomotive engines -
 Warm air conveying to fire -
 Water, in combustion with spirits of turpentine, decomposing and recomposing it -

S. H. Long - Philadelphia, Penn.
 William R. Miller - Hinsdale, New York
 Samuel Morey - Boston, Mass.

December 31
 December 31
 November 19

LIST OF PATENTEES—CALORIFIC AND STEAM APPARATUS.

NAME OF PATENTEE	RESIDENCE.	INVENTIONS OR DISCOVERIES.	WHEN ISSUED.
Anderson, Thomas K.	Boston, Mass.	Cooking or boiling apparatus	1833.
Atwater, James	New Haven, Conn.	Grate, fire	March 29
Armstrong, Joseph B.	Wilkes county, Georgia	Heating liquids by steam	January 9
Alsop, Charles R.	Middletown, Conn.	Steam engine, rotary	May 29
Atwater, James	New Haven, Conn.	Stove, anthracite coal combination	January 21
Atwater, James	New Haven, Conn.	Stove, grate, or furnace, improvement applicable to	August 23
Avery, Frederick	Hamilton, N. Y.	Forge backs	August 23
Bachmann, Heinrich, and Joseph Ehrenfried	Lancaster, Penn.	Bathing apparatus	February 12
Brumley, Joseph	New York	Bathing apparatus	January 26
Bain, David	Baltimore, Md.	Chimney's, curing smoky	November 19
Becker, Henry	Warwick township, Penn.	Distillery	February 5
Barrett, William	Malden, Mass.	Furnace for burning anthracite coal, for heating and evaporating liquids	June 29
Baldwin, Ethan	Washington, D. C.	Steam, applying	November 19
Branch, Hardin	New York	Steam, generating, for cooking, &c.	January 28
Bates, Eliza	Mount Pleasant, Ohio	Steam power	April 12
Budington, Theodore	Bridgeport, Conn.	Stove, cooking	July 27
Bidwell, Henry L.	Berlin, Conn.	Stove, cooking, or digestive furnace	January 25
Bush, Timothy, Jun.	Springport, New York	Forge backs	March 8
Curtis, Charles	New York	Boiler, safety steam	April 12
			May 28

LIST OF PATENTEES.—CALORIFIC AND STEAM APPARATUS—Continued.

NAMES OF PATENTEES.	RESIDENCE.	INVENTIONS OR DISCOVERIES.	WHEN ISSUED.
Gayford, John E.	Milburn, Maine	Fire-place or stove	1833.
Cochran, John W.	Lowell, Mass.	Furnace, friction for generating heat without the consumption of fuel	December 31
Couch, Ira, & Jas. A. Fry	Meriden, Conn.	Lamp, suspension barrel	November 19
Carlisle, Josiah C.	Chester, Maine	Oven	March 13
Clute, Peter J.	Schenectady, N. Y.	Steam, generating for forging malleable iron, &c.	April 19
Curtis, Charles	New York	Steam engine, horizontal	May 30
Cressman, Henry	Philadelphia, Penn.	Stove, shifting cooking	May 28
Disbrow, Levi	New York	Boilers, steam combined furnace	February 7
Douglas, John C.	Cincinnati, Ohio	Evaporating vessels to carry caloric from No. 1, to any number upwards, purifying sugar, extracting acids therefrom, &c.	May 6
De Witt, Simeon	Albany, N. Y.	Distilling apparatus	February 19.
Dwyer, Joseph T.	Nashville, Tenn.	Distilling apparatus	January 30
Dinsmore, James	Milburn, Maine	Fire alarm	November 19
Dunley, James	Richmond, Virginia	Stove, double, for heating apartments	May 14
Duplantier, Guy	East Baton Rouge, La.	Sugar, manufacturing	January 24
Disbrow, Levi	New York	Furnace, combined	January 31
Espy, James P.	Philadelphia, Penn.	Cap, chimney, for increasing draught in furnaces, &c.	May 6
Emery, Simon	Philadelphia, Penn.	Still, perpetual	June 29
Gold, J. S.	Norwich, Conn.	Oven, union	April 9
Gotta, Leopold	Huntingdon, Penn.	Stove, cooking, for wood or coal	December 16
Graham, Asa	Hamilton, N. Y.	Forge backs (patented December 15, 1832) re-issued	February 18
Hinkle, John L.	Hanover, Penn.	Steam generator and refiner	February 26
Hall, Samuel	Basford, England	Steam engine, lubricating the pistons, piston rods, valves, cocks, &c.	February 23
Herr, Elias	Lampeter township, Penn.	Still	November 1
Johnson, Richard	Baltimore, Maryland	Cooking apparatus and house warmer	December 24
Ingalls, Joseph	Sandbornton, N. H.	Fire-place, sheet iron	November 19
			May 23

Jennings, Isaiah	Philadelphia, Penn.	Steam generating	December 19
Jordan, Joshua	Boston, Massachusetts	Sugar clamper furnace	December 27
Kirk, Josiah W., and Eli Kirk	Philadelphia, Penn.	Heating air for warming houses, called a fuel, saving-house heater and cooking-stove	
Kingsbury, Lewis	Livonia, New York	Stove, cooking	August 30
Long, S. H.	Philadelphia, Penn.	Boilers, for generating steam, and wheels for locomotive engines	September 19
Lockwood, John	Sodus, New York	Steam, applying to machinery	May 6
Long, S. H.	Philadelphia, Penn.	Valve, steam, of locomotive and other engines; forcing pumps, and wheels for locomotive engines	December 28
Mott, Richard D.	Boston, Massachusetts	Bath, medicated Shampoo	December 31
McCarty, Thomas	Elmira, New York	Stove, double cooking, and fire-place	December 16
Mott, Jordan L.	New York	Stove, double cooking, and fire-place	January 23
Miller, William R.	Hinsdale, N. Y.	Warm air, conveying to fire	December 30
Morey, Samuel	Boston, Massachusetts	Water in combustion with spirits of turpentine, decomposing and recomposing it	December 31
Mansfield, Levi	New Harford, New York	Fire-place	November 19
Nott, Eliphalet	Schenectady, New York	Stove, anthracite coal, closing the ash-pit and illuminating front	May 29
Nott, Eliphalet	Schenectady, New York	Stove, anthracite coal, constructing ashes for mica	June 29
Nott, Eliphalet	Schenectady, New York	Stove, anthracite coal, vertical grate combining the ash therewith for mica, and inlet for fuel	June 29
Nott, Eliphalet	Schenectady, New York	Stove, anthracite coal, lining between which and the front plate, the flue for the ascent of air and descent of ashes	June 29
Nott, Eliphalet	Schenectady, New York	Stove, anthracite coal, preventing the escape of heat from the top of an ignited pile of fuel	June 29
Nott, Eliphalet	Schenectady, New York	Stove, anthracite coal, construction of tops by a combination of sections cast separately	June 29
Nott, Eliphalet	Schenectady, New York	Stove, anthracite coal, combination and confinement in place of the damper and handle	June 29
Nott, Eliphalet	Schenectady, New York	Stove, anthracite coal, construction and adjustment of brick forming the flue for confining combustion to the base of fuel	June 29
Nott, Eliphalet	Schenectady, New York	Stove, anthracite coal, material and construction of pipes	June 29
Nott, Eliphalet	Schenectady, New York	Stove, anthracite coal, increasing the evolution of heat	June 29
Nott, Eliphalet	Schenectady, New York	Stove, anthracite coal, treatment of metallic bodies, &c.,	June 29

LIST OF PATENTEES.—CALORIFIC AND STEAM APPARATUS.—Continued.

NAMES OF PATENTEES.	RESIDENCE.	INVENTIONS OR DISCOVERIES.	WHEN ISSUED.
Olney, James N.	Providence, R. I.	Burners, anthracite coal	1833.
Powers, Thomas H.	Sodus, N. Y.	Kiln, lime	December 26
Pott, Abraham, and B.	-	-	April 17
F. Pomeroy,	Pottsville, Pa.	Steam engine, rotary	March 11
Pinny, Edward, and Isaac	-	-	-
N. Crosby	Rochester, N. Y.	Steam engine, revolving or concentric	July 22
Ransom, Amos	Hartford, Conn.	Coffee roasting	December 31
Rogers, Henry	New York	Gas, resulting from the ignition of explosive compounds applied to machinery	June 29
Russell, Wm. M.	Boston, Mass.	Grate and fire-place for anthracite coal	February 8
Rowland, Nathan	Philadelphia, Pa.	Steam engine, vibrating	May 24
Steace, John	Lawrence county, Ohio	Furnace, blast, blowing	May 16
Spafford, Elizabeth C., administratrix of Horatio Gates Spafford	-	-	-
Steel, Hezekiah	Lansingburgh, N. Y.	Furnace and condensed air applied to machinery,	July 2
Shaw, William	Hudson, N. Y.	Stove, anthracite coal, cooking	November 19
Smith, Uriel	Albany, N. Y.	Stove, anthracite coal, cooking,	December 31
Truman, Jos. M., and George Truman	Sandisfield, Mass.	Sugar caking,	January 21
Truman, Joseph, and Jas. Cook	Penn township, Pa.	Gas lamp, called oil or spirit	November 19
Town, Elisha	Bridgeport, Pa.	Steam generating	January 24
Van Loan, William W.	Montpelier, Vt.	Stove, cooking	December 16
Wallace, M. T.	New York	Boilers, steam, and supplying with water, and ascertaining the height therein	December 31
Wright, John, and David Polley	New York	Boilers for generating steam	April 12
Young, Edward A. G.	New York	Still, copper	April 4
Young, E. A. H.	New Castle, Del.	Cap chimney for preventing the emission of sparks	July 23
-	New Castle, Del.	Valve, screw poppet or thrortle	January 19

LIST OF PATENTS—HYDRAULICS.

INVENTIONS OR DISCOVERIES.	NAMES OF PATENTEES.	RESIDENCE.	WHEN ISSUED.
Cisterns, water	- Samuel Booth	Syracuse, New York	1833.
Cistern, water, vaults, salt vats, reservoirs, &c.	- Horace J. Shumway	Van Buren, New York	August 20
Cisterns, water	- George Tibbits, Jun.	Jamesville, New York	November 19
Fire engines, method of working the lever	- Samuel Huse	Newburyport, Mass.	December 30
Hose, suction	- James Riley	Boston, Mass.	April 9
Hose, manufacturing from cloth and gum elastic	- Samuel D. Breed	Philadelphia, Penn.	February 6
Hydrants	- Thomas W. Newton and Joseph H. Laning	Philadelphia, Penn.	June 29
Hydrants	- Jacob Stroop	Pittsburg, Penn.	July 30
Measuring and transferring liquids	- Thomas W. Whitley	Paterson, N. J.	December 16
Pumps	- Frederick Krieg	Baltimore, Md.	February 1
Pumps, forcing and suction	- John F. Rogers	Waterford, New York	February 6
Pumps	- Martin Mettee	Baltimore, Md.	February 27
Pumps, rotary	- Elisha Hale	Hyde Park, New York	March 8
Pumps, forcing	- Benjamin Lapham	Waterford, New York	August 3
Pumps, cast iron	- Jesse Reed and Josiah Reed	Plymouth county, Mass.	November 19
Pumps, metallic	- Jedediah Beckwith	Saratoga, New York	November 19
Pumps, suction	- Allen H. Mathes	Madisonville, Tenn.	December 27
Water and other liquids, elevating and projecting	- Charles R. Alsop	Middletown, Conn.	December 31
Water tank, floating	- William Kearney and John McArdle	Brooklyn, New York	January 21
Water, hoisting by wind pump	- James Kerr	Maury county, Tenn.	February 5
Water works, with boring for water, called the City Supply Pump	- John L. Sullivan	New York	September 6
	-		December 28

LIST OF PATENTEES—HYDRAULICS.

NAME OF PATENTEES.	RESIDENCE.	INVENTIONS OR DISCOVERIES.	WHEN ISSUED.
Alsop, Charles R.	Middletown, Conn.	Water and other liquids, elevating and projecting	1833.
Booth, Samuel	Syracuse, New York	Cistern, water	January 21
Breed, Samuel D.	Philadelphia, Penn.	Hose, manufacturing from cloth and gum elastic	August 20
Beckwith, Jedediah	Saratoga, New York	Pump, metallic	June 29
Huse, Samuel	Newburyport, Mass.	Fire engines, mode of working the levers	December 27
Hale, Elisha	Hyde Park, New York	Pump, rotary	April 9
Krieg, Frederick	Baltimore, Md.	Pumps	August 3
Kearney, William, and John McArdle	Brooklyn, New York	Water tank, floating	February 6
Kerr, James	Maury county, Tenn.	Water, hoisting by wind pump	February 5
Lapham, Benjamin	Waterford, New York	Pump, forcing	September 6
Mettee, Martin	Baltimore, Md.	Pump	November 19
Mathes, Allen H.	Madisonville, Tenn.	Pump, suction	March 8
Newton, Thomas W., and Joseph H. Laning	Philadelphia, Penn.	Hydrants	December 31
Riley, James	Boston, Mass	Hose, suction	July 30
Rogers, John F.	Waterford, New York	Pump, forcing and suction	February 6
Reed, Jesse, and Josiah Reed	Plymouth county, Mass.	Pump, cast iron	February 27
Reed	Van Buren, New York	Cistern water, vaults, salt vats, reservoirs, &c.	November 19
Shumway, Horace J.	Pittsburg, Penn.	Hydrants	November 19
Stroup, Jacob	New York	Water works, with boring for water called the City Supply Pump	December 16
Sullivan, John L.	Jamesville, New York	Cistern, water	December 28
Tibbitts, George, Jun.	Paterson, N. J.	Measuring and transferring liquids	December 30
Whitley, Thomas W.			February 1

LIST OF PATENTS—WHEEL CARRIAGES.

INVENTIONS OR DISCOVERIES.		NAMES OF PATENTEES.		RESIDENCE.		WHEN ISSUED.	
Axletree, carriage	-	Alexander Johnson	-	Newark, New Jersey.	-	1833.	
Boxes, casting	-	William Butler and Edward B. Rice	-	Worcester, Mass.	-	February 9	
Carriages, impeding when descending hills	-	Gorsham Bunker	-	Truxton, New York	-	May 31	
Carriages to overcome obstructions in the road	-	Hazard Knowles	-	Colchester, Conn.	-	July 5	
Felloes for wheels, sawing and boring	-	James Hamilton	-	New York	-	August 29	
Felloes for wheels, sawing and boring	-	William W. Forwood	-	Abington, Maryland	-	April 29	
Friction rolling	-	George Danforth	-	Centreville, Illinois	-	November 19	
Hubs, cast iron	-	Carver Washburn	-	Bridgewater, Mass.	-	May 17	
Hubs, mortising wagon	-	Parvin Paulin	-	Dantown, Ohio	-	January 18	
Spokes for wheels	-	Daniel H. Wiswell	-	Petersham, Mass.	-	April 17	
Spokes for wheels, dressing, called the yoke cutter	-	John Sherfy	-	New York	-	April 12	
Springs, elastic spiral, applied to traces, swingie-trees, &c.	-	David C. Andrews	-	Uniontown, Md.	-	November 19	
Springs, setting	-	Charles M. King	-	Westmoreland, N. Y.	-	July 22	
Steps for coaches	-	Isaac Van Gorder	-	Newark, New Jersey	-	September 6	
Wheels for carriages, &c.	-	William Zollickoffer	-	Warren, Ohio	-	December 31	
Wheels, apparatus to prevent them falling when the axle-tree breaks, or linch-pin is disengaged	-		-	Middleburg, Maryland	-	January 7	
						April 30	

LIST OF PATENTEES.—WHEEL CARRIAGES.

NAMES OF PATENTEES.	RESIDENCE.	INVENTIONS OR DISCOVERIES.	WHEN ISSUED.
Andrews, David C.	Westmoreland, N. Y.	Springs, setting	1833. September 6
Butler, William, and Edward B. Rice	Worcester, Mass.	Boxes casting	May 31
Bunker, Gorham	Truxton, New York	Carriages, impeding when descending hills—	July 5
Danforth, George	Centreville, Illinois	Friction rolling	May 17
Forward, William W.	Abington, Md.	Felloes for wheels, sawing	November 19
Hamilton, James	New York	Felloes for wheels, sawing and boring	April 29
Johnson, Alexander	Newark, New Jersey	Axletree, carriage	February 9
Knowles, Hazard	Colchester, Conn.	Carriages to overcome obstructions in the road	August 39
King, Charles M.	Newark, New Jersey	Steps for coaches	December 31
Paullin, Parvin	Dantown, Ohio	Hubs, cast iron	April 17
Sherfy, John	Uniontown, Md.	Springs, elastic spiral, applied to traces, swingletrees, &c.	July 22
Van Gorder, Isaac	Warren, Ohio	Wheels for carriages, &c.	January 7
Washburn, Carver	Bridgewater, Mass.	Hubs, cast iron	January 18
Wiswell, Daniel H.	Petersham, Mass.	Spokes for wheels	April 12
Wiswell, Daniel H.	New York	Spokes for wheels, dressing, called the yoke cutter	November 19
Zollickoffer, William	Middleburg, Md.	Wheels, apparatus to prevent them falling when the axle-tree breaks or linch-pin is disengaged	April 30

LIST OF PATENTS—ARMS.

INVENTIONS OR DISCOVERIES.	NAMES OF PATENTEES.	RESIDENCE.	WHEN ISSUED.
Guns, manufacturing -	-	-	-
Knapsack, folio extension	-	-	-
Lock, gun -	-	-	-
Lock, safety	-	-	-
	David G. Colburn	Canton Canal, N. Y.	1833.
	James Boyd	Boston, Mass.	June 29
	Robert H. Fauntleroy	Posey county, Ind.	November 19
	Heinrich Bachmann	Lancaster, Penn.	August 17
			August 21

LIST OF PATENTEES—ARMS.

NAMES OF PATENTEES.	RESIDENCE.	INVENTIONS OR DISCOVERIES.	WHEN ISSUED.
Boyd, James	Boston, Mass.	Knapsack, folio extension	1833.
Bachmann, Heinrich	Lancaster, Penn.	Lock, safety	November 19
Colburn, David G.	Canton Canal, N. Y.	Guns, manufacturing	August 21
Fauntleroy, Robert H.	Posey county, Ind.	Lock, gun	June 29
			August 17

LIST OF PATENTS—SCREW AND LEVER POWER.

INVENTIONS OR DISCOVERIES.	NAMES OF PATENTEES.	RESIDENCE.	WHEN ISSUED.
Balance, platform	Ira Gay	Dunstable, N. H.	1833, January 14
Balance, platform	Benj. Morison	Milton, Penn.	February 13
Balance, platform	John B. Maag	New York	February 19
Balance, platform, (patented Feb. 13, 1833,) re-issued	Benj. Morison	Milton, Penn.	December 31
Cheese press	Asahel Tyrrill	Fowler, Ohio	December 31
Cotton press	Philenzo Payne and Joshua Rundell	Claiborne county, Miss.	January 25
Cotton and other fibrous material, pressing	Henry L. Conner	Natchez, Miss.	July 6
Ink distributor, (patented April 23, 1830,) re-issued	John Prince	Philadelphia, Penn.	November 19
Ink, applying to types	John Prince	Philadelphia, Penn.	November 19
Lithography, applied to reprinting books	Robert C. Manners	Boston, Mass.	February 15
Press, double Napier's printing	Sereno Newton	New York	February 26
Press, double cylinder register	Sereno Newton	New York	February 26
Press, double foundry	Wm. Blake	Boston, Mass.	February 26
Press, standing	Samuel Fairlamb	New York	April 39
Printing paper on both sides	Henry Betts	Norwalk, Conn.	May 15
Printing, facilitating	Sam. N. Dickenson	Boston, Mass.	September 14
			November 1 9

LIST OF PATENTEES.—SCREW AND LEVER POWER.

NAMES OF PATENTEES.	RESIDENCE.	INVENTIONS OR DISCOVERIES.	WHEN ISSUED.
<p>Blake, William Betts, Henry Conner, Henry L. Dickenson, Samuel N. Fairbank, Samuel Gay, Ira Morrison, Benjamin Masg, John B. Morrison, Benjamin Manners, Robert C. Newton, Sereno Newton, Sereno Payne, Philenzo, and Ju- shua Rundell, Prince, John Prince, John Tyrrill, Asahel</p>	<p>Boston, Massachusetts Norwalk, Connecticut Natchez, Mississippi Boston, Massachusetts New York Dunstable, N. Hampshire Milton, Pennsylvania New York Milton, Pennsylvania Boston, Massachusetts New York New York Claiborne co. Mississippi, Philadelphia, Pennsylvania Philadelphia, Pennsylvania Fowler, Ohio,</p>	<p>Press, double foundry Printing paper on both sides Cotton and other fibrous material, pressing Printing, facilitating Press, standing Balance platform Balance platform Balance platform, (patented February 13, 1833,) reissued Lithography applied to reprinting books Press, double Napier printing Press, double cylinder register Cotton press Ink distributor, (patented April 23, 1830,) reissued Ink, applying to types, Cheese press,</p>	<p>1833. April 29 September 14 July 5 November 19 May 15 January 14 February 13 February 19 December 31 February 15 February 26 February 26 January 25 November 19 November 19 December 31</p>

LIST OF PATENTS—MILLS.

INVENTIONS OR DISCOVERIES.	NAMES OF PATENTEES.	RESIDENCE.	WHEN ISSUED.
Bark mill	John Trask, Ahiman Seabury, and Wm. Young	Sangerfield, New York	1833.
Bucket elevator	Nelson C. Staples	Lynchburg, Virginia	April 17
Coffee mill	Amni Clark	Berlin, Connecticut	June 29
Dams, building	Samuel J. Burr	Chambersburg, Penn.	August 14
Dogs for saw mills	Martin Rich	Ithaca, New York	February 23
Friction, reducing, in mill gudgeons	Frederick Eichelberger,	Cresgetown, Maryland,	February 8
Friction rollers, for machinery,	Benjamin Stancilffe	Philadelphia, Pennsylvania	June 29
Grain grinding	D. Parmelee and J. C. Shoemaker	Kingston, Pennsylvania	December 31
Grain grinding	Moses W. Chapman	Girard, Pennsylvania	April 16
Grist mill	Luther Olds	Otsego, New York	June 1
Grist and coffee mill	Jacob Stroub	Charleston, S. Carolina	May 18
Grist mill	Reuben Kendall	Wilkes co. Georgia	September 6
Grist mill	Adna L. Norcross	Hallowell, Maine,	November 19
Horse power, gearing	Smith Gardiner	Auburn, New York	December 31
Horse power, propelling	Gilbert Griffen	Greece, New York	May 14
Horse power, portable	Charles M. Keller	Washington, D. C.	May 31
Horse power	S. S. Allen	Saratoga Springs, N. York	June 3
Horse power	Philo C. Curtis and Linus Yale	Otsego, New York	June 29
Horse power	Benjamin D. Beecher	Cheshire, Connecticut,	September 17
Horse power	John Hale and Luke Hale	Hollis, New Hampshire,	December 23
Paddle gate	Earl Trumbull	Little Falls, New York	December 24
Pendulum regulator for water wheels, steam engines, &c.	Nathan Scholfield,	Montville, Connecticut	April 4
Propelling machinery by combining air, water, and animal power	Thomas P. Godman	Boston, Massachusetts	February 11
Propelling machinery by helping power	William Loomis	Ashford, New York	April 20
Propelling mills by concentric machinery	Henry Buell	Randolph, Tennessee	April 29
			May 3

Propelling machinery by balance lever

Saw mill	-	Lucius H. Emmons and George Upham	Massillon, Ohio	May 16
Saw mill, self-setting,	-	Henry Gordon	Liberty township, Penn.	February 28
Saw mill carriages, propelling	-	Thomas McCarty	Elmira, New York	April 8
Saw mill	-	Jos. Michenet	Chester township, Ohio	September 16
Stones for mills	-	Nathan Kirk	Clinton county, Indiana	November 19
Stones, hanging and using	-	James Preslow	Auburn, New York	February 12
Stones, for dressing and cooling flour	-	James McDuffee	Bradford, Vermont	February 21
Water wheel reaction	-	Jacob B. Mirick	Manlius, New York	August 10
Water wheel, inclined	-	Hazard Lewis	Binghamton, New York	January 7
Water wheel, reaction	-	John Ambler, Jun.	Watertord, New York	February 2
Water wheel, and applying water thereto	-	James Wood	La Grange, Tennessee	February 26
Water wheel	-	Robert Enstman	Concord, New Hampshire	March 11
Water wheel, reaction	-	Richard Walker	Milton, New Hampshire	March 12
Water wheel, tide and current	-	Theodorus Lomis	Athens, Pennsylvania	March 14
Water wheel	-	Israel S. Savage	Waterville, Maine	April 19
Water wheel	-	Amasa Dingley and Israel S. Savage	Waterville, Maine	April 16
Water wheel current, raising and lowering	-	Andrew M. Braley and John L. Dryer	Montgomery county, Ind.	May 7
Water wheel, reaction, (patented Feb. 2, 1833,) re-issued	-	Charles F. Paine	Winslow, Maine	June 29
Water wheel	-	John Ambler, Jun.	Watertord, New York	June 29
Water wheel	-	Ebenezer A. Lester	Boston, Massachusetts	September 13
Water wheel	-	Ezekiel W. McGuierand Joel Dewey, Jun.	Watertord, New York	September 14
Water wheel	-	Isaac Van Gorder	Warren, Ohio	December 16
Water power, applied directly to a lever beam, or vibrating circles	-	Zerah Blakely	Wilkesville, Ohio	December 31
Water, raising, for turning mills	-	John Abbot	Reading, Massachusetts	November 19
Water power, economy of, by means of a graduated spout,	-	William Mead	Pittsburg, Pennsylvania	November 19
Wind wheel, horizontal	-	Timothy P. Anderson	Hardwick, Massachusetts	December 23
	-	Solomon Deming	Brunswick, Ohio	March 6

LIST OF PATENTEES—MILLS.

NAMES OF PATENTEES.	RESIDENCE.	INVENTIONS OR DISCOVERIES.	WHEN ISSUED.
Allen, Samuel S.	Saratoga Springs, N. Y.	Horse power	1831.
Ambler, John, Jun.,	Waterford, New York	Water wheel, reaction	June 29
Ambler, John, Jun.,	Waterford, New York	Water wheel, reaction, (patented Feb. 2, 1833) re-issued	February 3
Abbot, John	Reading, Massachusetts	Water power applied directly to a lever beam or vibrating circles	February 3
Anderson, Tim'y P.	Hardwick, Massachusetts	Water power, economy of, by means of a graduated spout-	November 19
Burr, Samuel J.	Chambersburg, Penn.	Dams, building	December 23
Beecher, Benjamin D.	Cheshire, Connecticut	Horse power	February 28
Buell, Henry	Randolph, Tennessee	Propelling mills by concentric machinery	December 23
Braler, Andrew M., and John L. Dryer	Montgomery county, Ind.		May 3
Blakely, Zarah	Wilkesville, Ohio	Water wheel	May 7
Clark, Ammi	Berlin, Connecticut	Water wheel	December 31
Chapman, Moses W.	Girard, Pennsylvania	Coffee mill	August 14
Curtis, Philo C., and Linus Yale	Otego, New York	Grain, grinding	June 1
Codman, Thomas P.	Boston, Massachusetts	Horse power	September 17
Dingley, Amasa, and Israel S. Savage	Waterville, Maine	Propelling machinery by combining air, animal, and water power	April 20
Deming, Solomon	Brunswick, Ohio	Water wheel, tide current	April 16
Eichelberger, Frederick	Craegerstown, Maryland	Wind wheel, horizontal	March 8
Emmons, Lucius H., and George Upham	Massillon, Ohio	Friction, reducing, in mill gudgeons	June 29
Eastman Robert	Concord, New Hampshire	Propelling machinery by balance lever	May 16
Gardner, Smith	Auburn, New York	Water wheel, reaction	March 11
Griffen, Gilbert	Greece, New York	Horse power gearing	May 14
Gordon, Henry	Liberty township, Penn.	Horse power propelling	May 31
Hale, John and Luke Kendall, Reuben	Hollis, New Hampshire	Saw mill	February 28
	Wilkes county, Georgia	Horse power	December 24
		Grist mill	November 19

Keller, Charles M.	Washington, D. C.	Horse power, portable	June 3
Kirk, Nathan	Clinton county, Indiana	Saw mill	November 19
Loomis, William	Ashford, New York	Propelling machinery by helping power	April 29
Lewis, Hazard	Binghampton, New York	Water wheel, reaction	January 7
Loomis, Theodoros	Athens, Penn.	Water wheel, reaction	March 14
Lester, Ebenezer A.	Boston, Massachusetts	Water wheel, reaction	September 13
McCarthy, Thomas	Elimira, New York	Saw mill, self-setting	April 8
Michener, Jos.	Chester township, Ohio	Saw mill, carriages propelling	September 16
McJuffee, James	Bradford, Vermont	Stones, hanging and using	February 21
McGuire, Ez. W., and			
Joel Dewey, Jun.	Waterford, New York	Water wheel,	September 14
Mead, William	Pittsburg, Penn.	Water raising for turning mills	November 19
Mirick, Jacob B.	Manlius, New York	Stones, dressing and cooling flour	August 10
Norcross, Adna L.	Hallowell, Me.	Grist mill	December 21
Olds, Luther	Otsego, N. Y.	Grist mill	May 18
Parmelee, Daniel, and J.			
C. Shoemaker	Kingston, Penn.	Grinding grain	April 16
Prealow, James	Auburn, N. Y.	Stones for mills	February 12
Paine, Charles F.	Winslow, Maine	Water wheel current, raising and lowering	June 29
Rich, Martin	Ithaca, N. Y.	Dogs for saw mills	February 8
Staples, Nelson C.	Lynchburg, Va.	Bucket elevator	June 29
Stanciffe, Benjamin	Philadelphia, Pa.	Friction rollers for machinery	December 31
Stroub, Jacob	Charleston, S. C.	Grist and coffee mill	September 6
Scholfield, Nathan	Montville, Conn.	Pendulum regulator for water wheels, steam engines	September 11
Savage, Israel S.	Waterville, Maine	Water wheel reaction	April 12
Trask, John, Aliman Seabury, and Wm. Young	Sangerfield, N. Y.	Bark mill	April 17
Trumbull, Earl,	Little Falls, N. Y.	Paddle gate	April 4
Van Gorder, Isaac	Warren, Ohio	Water wheel	December 16
Wood, James	La Grange, Tenn.	Water wheel, inclined	February 26
Walker, Richard	Milton, N. H.	Water wheel, and applying water thereto	March 12

LIST OF PATENTS—CHEMICAL COMPOSITIONS.

INVENTIONS OR DISCOVERIES.	NAMES OF PATENTEES.	RESIDENCE.	WHEN ISSUED.
Acids, mixing, for dyeing woollens, &c.	-	-	1833.
Balsam, lavender	-	-	November 19
Blood, purifying and preparing, for clarifying sugar	Hugh Young	Rochester, N. Y.	June 29
Cement water	Elizabeth Bartlette	New York	November 19
-	Thomas Hewitt	Philadelphia, Penn.	-
-	Thomas F. Purcell and Alexander B. McFarlin	Williamsport, Penn.	-
Cement for the edges of cloth	Reuben Brackett	Boston, Mass.	December 30
Cholera medicine	Anthony Hunn, Sen.	Lancaster, Ken.	March 14
Chlorine, cosmetic	David West	Hudson, N. Y.	August 12
Confectionary, applying syrup by steam	Robert L. Stuart and Alexander Stuart	-	January 11
Galvanic fluid applied to curing certain diseases	Daniel Harrington	New York	March 7
Gold, separating and grinding flint rock	Adam Carson	Philadelphia, Penn.	July 32
Hides, softening, fleshing, and working dry and slaughtered	-	Kingston, Tenn.	January 29
Hides, softening, breaking, and stoning them in the lime	Abner McMillen	-	-
Hides, softening	Benjamin Aylsworth	Bedford, N. H.	February 4
India rubber mail and travelling bags	Willis Berry	Masonville, N. Y.	February 13
Lard or tallow, process of converting into separate substances	Edwin M. Chalfee	New Sharon, Me.	March 6
Mead, sarsaparilla, portable	Benjamin Lapham	Boston, Mass.	December 31
Oil, cotton seed, purifying	Jonas C. Brigham	Lexington, Ken.	March 1
Panacea	John J. Gerrard	Methuen, Mass.	July 26
Paint, composition for drying	Jacob Houck	New York	August 14
Paint, composition, stone	Nathan Hemenway	Baltimore, Md.	May 9
Soda fountain	Elijah Skinner and John Webster	W. Springfield, Mass.	February 22
Tanning skins and hides	Jacob Ebert and George Dully	Sandwich, N. H.	May 28
-	Geo. H. Richards	Wheeling, Va.	April 24
-	-	New York	December 16

Tanning, removing the refuse bark from latches
Tanning hides and skins
Tanning, extract of hemlock for
Tan vats
White lead and Paris white, grinding
Worm specific

Harvey W. Babcock
Thomas G. Peachy
Thomas Rundlet
John W. Moon
Silas Watrous
Charles McLane

Cooperstown, N. Y.
Williamsburg, Va.
Bedford, N. H.
Roxbury, Mass.
Groton, Conn.
Morgantown, Va.

December 24
December 28
December 30
April 18
January 26
August 19

LIST OF PATENTEES.—CHEMICAL COMPOSITIONS.

NAMES OF PATENTEES.	RESIDENCE.	INVENTIONS OR DISCOVERIES.	WHEN ISSUED.
Aylsworth, Benjamin	Masonville, N. Y.	Hides, softening, breaking, and stoning them in lime	1833.
Bartlette, Elizabeth	New York	Balsam lavender	February 13
Brackett, Reuben	Boston, Mass.	Cement for the edges of cloth	June 29
Berry, Willis	New Sharon, Me.	Hides, softening	March 14
Brigham, Jonas C.	Methuen, Mass.	Mead, sarsaparilla, portable	March 6
Babcock, Harvey W.	Cooperstown, N. Y.	Tanning, removing the refuse bark from the latches	July 25
Carson, Adam	Kingston, Tenn.	Gold, separating and grinding flint rock	December 24
Chaffee, Edmund M.	Boston, Mass.	India rubber mail and travellers' bags	January 29
Ebert, Jacob, and George	Wheeling, Va.	Soda fountain	December 31
Duffy	New York	Oil, cotton seed, purifying	April 24
Gerrard, John J.	Philadelphia, Penn.	Blood, purifying, and preparing for clarifying sugar	August 14
Hewitt, Thomas	Lancaster, Ken.	Cholera medicine	November 19
Hann, Anthony, sen.	Philadelphia, Penn.	Galvanic fluid applied to curing certain diseases	August 12
Harrington, Daniel	Baltimore, Md.	Panacea	July 22
Houck, Jacob	W. Springfield, Mass.	Paint, composition for drying	May 9
Hemenway, Nathan	Lexington, Ken.	Lard or tallow, process of converting into separate substances	February 22
Lapham, Benjamin	Bedford, N. H.	Hides, softening, fleshing and working dry and slaughtered	March 1
McMillen, Abner	Roxbury, Mass.	Tan vats	February 4
Moon, John W.	Morgantown, Virginia	Worm specific	April 18
McLane, Charles			August 19

NAMES OF PATENTEES.	RESIDENCE.	INVENTIONS OR DISCOVERIES.	WHEN ISSUED.
Parcell, Thomas F., and A. B. McFarlin Peachy, Thomas G. Richards, George H. Rundlet, Thomas Stuart, Robert, and Alex- ander Stuart Skinner, Elijah, and John Weber Went, David Watrous, Silas Young, Hugh	Williamsport, Penn. Williamsburg, Va. New York Bedford, N. H. New York Sandwich, N. H. Hudson, New York Groton, Conn. Rochester, New York	Cement water Tanning hides and skins Tanning hides and skins Tanning, extract of hemlock for Confectionary, applying syrup by steam Paint, composition stone Chlorine cosmetic White lead and Paris white, grinding Acids, mixing for drying woolsens	1833. December 30 December 28 December 16 December 30 March 7 May 28 January 11 January 26 November 19

LIST OF PATENTS—FINE ARTS.

INVENTIONS OR DISCOVERIES.	NAMES OF PATENTEES.	RESIDENCE.	WHEN ISSUED.
Block, stereotype Keys for musical instruments Pen, self-applying Piano forte Piano forte, tuning Piano forte, construction and action of Pietro lira Wind, applying to musical instruments by means of bellows	Enoch Hale Edward C. Riley Charles Cleveland Louis Fiasore John J. Wise Alpheus Babcock Philip Trajetta Peter L. Grosh, and George Grosh	Boston, Massachusetts New York Middleburg, Vermont Baltimore, Md. Baltimore, Md. Philadelphia, Penn. Philadelphia, Penn. Lancaster, Penn.	1833. February 15 August 22 December 16 July 22 November 19 December 31 July 23 April 8

LIST OF PATENTEES—SURGERY.

NAMES OF PATENTEES.	RESIDENCE.	INVENTIONS OR DISCOVERIES.	WHEN ISSUED.
Addie, Cornelius	Winthrop, Maine	Tooth key	1833.
Gondrich, Gideon	Portland Harbor, N. Y.	Feet straightening reel	July 31
Glover, Ralph	New York	Truss	July 22
Heintzleman, John J.	Philadelphia, Penn.	Nipple shield, artificial metallic	May 3
Hull, Amos G.	New York	Truss, to be used in varicocle	March 16
Jamieson, Horatio G.	Baltimore, Md.	Truss	July 5
Morris, John	Derby, Conn.	Truss	August 29
McChesney, James	New York	Truss	November 19
Parshall, John, and			December 21
David, Gilbert	Gettysburg, Penn.	Syringes enema	May 22
Talbot, Sylvester W.	Dedham, Massachusetts	Nursing cup	April 19
Wood, William, Jun.	Smithfield, Ohio	Fractured limbs, flexible splints for	March 5
White, Lemuel B.	New York	Pump, stomach and breast, and cupping instrument	July 22
Weaver, Daniel	Baltimore, Md.	Truss, double spring	November 19

The number of patents sent to each State in the year 1833, respectively.

Maine, . . .	23	Virginia,	35	Alabama,	1
New Hampshire,	21	North Carolina,	7	Missouri,	0
Massachusetts,	74	South Carolina,	5	Arkansas Territory,	0
Rhode Island,	8	Georgia,	5	Michigan Territory,	0
Connecticut,	45	Kentucky,	7	Florida,	0
Vermont,	11	Tennessee,	10	District of Columbia,	6
New York,	177	Ohio,	33	Great Britain,	1
New Jersey,	11	Louisiana,	2		
Pennsylvania,	86	Indiana,	5		
Delaware,	3	Mississippi,	0		
Maryland,	19	Illinois,	1		

Patents,

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PATENTS WHICH HAVE EXPIRED.

LETTER

FROM

THE SECRETARY OF STATE,

TRANSMITTING

A list of patents for new or useful discoveries which have expired during the year 1833, and the names of patentees, &c.

JANUARY 21, 1834.

Read, and laid upon the table.

DEPARTMENT OF STATE,
January 18, 1834.

SIR: In compliance with the "Act concerning patents for useful inventions," approved July 3, 1832, I have the honor to report a list of all the patents for discoveries, inventions, and improvements, which have expired within the year 1833, with the names of the patentees alphabetically arranged.

I have the honor to be, sir,
Your obedient servant,
LOUIS McLANE.

To the Hon. the SPEAKER of the House of Representatives.

Gales & Seaton, print.]

A list of expired patents in the year 1833.

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NAME OF PATENTEE.	RESIDENCE.	INVENTION, DISCOVERY, OR IMPROVEMENT.	DATE OF PATENT.
Adams, Daniel	Keene, N. H.	Stirrups	1819.
Ambler, John, Jun.	New Berlin, N. Y.	Raising water by steam	February 3
Allison, Burgess, and Wm. Elliott	Washington, D. C.	-	May 29
Bishop, Naphthali	Barre, Vt.	Printing by means of rollers and cylinders	March 11
Barron, James	Hampton, Va.	Bridges	January 11
Bunker, Zenas	Guilford county, N. C.	Manufacturing corks	January 12
Birdleman, Henry	Washington county, Va.	Wooden jack-screw	February 3
Barker, Thomas E.	Greene county, N. Y.	Chain water wheel	February 8
Brower, John	Berks county, Penn.	Upright stove boiler	February 19
Barron, James	Norfolk, Va.	Sheet iron shovel	February 19
Bartholomew, Jacob	Middlebury, Vt.	Air or water pump	February 20
Baker, Charles T.	Providence, R. I.	Steelyard	February 27
Black, Jeremiah	Northumberland co. Penn.	Clearing channels and docks	April 12
Brown, Edmund	Richmond, Virginia	Hydraulic machine	April 23
Baiby, Antoine	New York	Tobacco press	April 30
Baldwin, Thomas	Newcastle, Del.	Rotary steam engine	May 26
Brown, John	Providence, R. I.	Manufacturing tobacco	June 17
Bury, Richard	Albany, N. Y.	Spinning wool and cotton	July 22
Brush, John C.	Washington, D. C.	Strings for piano fortes	August 21
Brainard, Jeremiah	Rome, N. Y.	Fire places	August 19
Blanchard, Thomas	Middleborough, Mass.	Wheelbarrow	August 26
Bergen, Cornelius	King's county, N. Y.	Turning gun stocks	September 6
Barton, William	New York	Plough	November 11
Baker, William	Springfield, N. Y.	Shoeing sleighs	December 13
Colbert, Robert	Boston, Mass.	Forcing pump, double	December 31
Caze, James	New York	Making cordage	March 17
Cooke, David	New Jersey	Distilling	March 16
Clarkson, Wm. K., Jun.	New York	Propelling boats, vessels, &c.	April 16
Craft, George B.	Redstone, Penn.	Velocipede	June 26
		Cutting sausage meat	October 9

Cummings, Jacob A.	Boston, Mass.	Conveying true pronunciation of words	November 3
Cooper, James	Augusta county, Va.	Archimedian screw	December 14
Corbett, James	West Hanover township, Pa.	Rockers for cradles, boring holes for posts, &c.	December 21
Crosdale, Bezaleel	Byberry township, Penn.	Brushes of broom corn	December 24
Crumbacker, Jonas	Union, Md.	Razor straps	December 24
Dayton, Giles, Junr.	Springfield, Mass.	Straw cutting machine	March 18
Dearborn, Benjamin	Boston, Mass.	Balance	March 24
Decker, Israel	Boston, Mass.	Tarring and spooling twine	April 3
Dixon, Peter	Philadelphia, Penn.	Women's saddles	April 16
Deming, George	Burlington, Vt.	Horizontal tide and wind wheel	July 22
Draper, Simeon	Brookfield, Mass.	Mail coaches, &c.	August 26
Edinonson, Samuel S.	New York	Chronometer	April 3
Ellis, Joseph	Deidham, Mass.	Composition for pencils	April 26
Eames, Thomas	Newbury, Vt.	Water wheels	April 29
Fraser, Wm. L.	Oxford, N. Y.	Churn	March 19
Fahnestock, Samuel	Lancaster, Penn.	Mineral water	April 23
Foster, Alexander W.	Greensborough, Penn.	Rotary from Rectilinear motion	April 26
Forrester, Lot	Ridgefield, Conn.	Loom	May 15
Field, Henry	Camillus, N. Y.	Distilling apparatus	June 17
Fulton, Gardiner	Philadelphia, Penn.	Granulating gunpowder	August 21
Foot, Nison	Philadelphia, Penn.	Cutting combs	October 28
Guy, Francis	Baltimore, Md.	Paper floor-cloth	February 23
Garratt, Wm.	Lisbon, N. Y.	Making emery	February 27
Graves, Robert	Boston, Mass.	Making cordage	April 10
Geib, George	New York	Mode of teaching music	August 30
Gillet, Daniel, Junr.	Springfield, Mass.	Cotton seed, food for cattle	September 15
Gray, Robert	Milton, Penn.	Pump	November 11
Greene, Lemuel	Greene county, Geo.	Straw cutting machine	December 21
Graves, Robert	Boston, Mass.	Gauge, plate for making Readie's	December 31
Hadley, Joseph	Morristown, Vt.	Securing houses against fire	February 3
Ilness, William	Coventry, R. I.	Double speeder for winding cotton	February 6
Hasbrouck, Wm. McD.	Bloomsbury, Penn.	Breaking hides	February 8
and Jacob Diefenback	Hartford, N. Y.	Plough	March 17
Harris, Zadock	Nashville, Tenn.	Elastic seat saddles	April 2
Harper, Wm.	Springfield, N. Y.	Washing machine	May 6
Hendryx, Beardsley	Windsor, Vt.	Polishing morocco	July 22
Hedge, Lemuel			

LIST OF EXPIRED PATENTS—Continued.

NAME OF PATENTEE.	RESIDENCE.	INVENTION, DISCOVERY, OR IMPROVEMENT.	DATE OF PATENT.
Heston, James	New York	Carbonated mead	1818.
Hiatt, Zachariah	Wayne county, Indiana	Spiral wheel for mills	July 26
Haskell, Benjamin	France	Manufacturing combs	August 30
Hotchkiss, Elihu, and Aaron Jaqua			November 3
Hale, John	Brattleboro', Vt.	Shearing cloth	December 13
Hawes, Silas	Hillsborough, N. H.	Churn,	December 15
Jenkins, Palmer	Bennington, Vt.	Carpenter's square	December 15
Jones, Walter	Hebron, N. Y.	Cooking stove	February 6
Johnson, Samuel	Ashford, Conn.	Corn sheller	May 6
Idlet, Jacob	Bridgeport, Penn.	Flat rounder and gauge	June 2
Johnson, Jasper	Albany, N. Y.	Diving drum	July 31
Isaac, Moses	Philadelphia, Penn.	Steam engine machinery	July 31
Kenyon, Benoni	New York	Propelling boats &c.	November 17
Kimball, Ephraim	Hilledale, N. Y.	Blasting rocks	March 15
Kalisky, Frederick	Fitchburg, Mass.	Hoe	April 3
Leonard, Wm. B.	Philadelphia, Penn.	Distilling apparatus	December 14
Leonard, Wm. B.	Fishkill, New York	Spindle and bobbin for spinning cotton	January 9
Lewis, Wm. J.	Fishkill, New York	Making cordage	January 9
Lloyd, Joseph	Washington, D. C.	Propelling boats, &c.	February 3
Lyon, James	Orange county, N. Y.	Churn	March 2
Lanning, John, Jun.	Statesburgh, S. C.	Propelling boats	April 3
Langdon, B. and John C.	Albany, N. Y.	Tanning	April 30
Lamb, Joshua	Troy, New York	Horse boat	June 5
Lucas, Jonathan, Jun.	Leicester, Mass.	Pricking leather for carding machines	August 31
Lucat, Jonathan, Jun.	Charleston, S. C.	Rice polisher	November 6
Lynar, Anthony	Charleston, S. C.	Flood-gates for mills	November 6
Morey, Samuel	New York	Hanging bells	December 24
Morey, Samuel	Oxford, N. H.	Shooting by steam	January 19
McCormick, Stephen	Oxford, N. H.	Stoves	January 30
	Fauquier court-house, Va.	Plough	February 3

Moody, Nathan	Hallowell, Maine	Alternate lateral motion by wheels	February 19
Mason, Silas	Norfolk, Mo.	Manufacturing hats	February 20
Maby, Benjamin, and Fowler Maltby	New Haven, Conn.	Hulling grain	February 26
Moody, Paul	Boston, Mass.	Double speeder	April 3
Mudge, Isaac, and Milo Hatch	Sherburne, N. Y.	Spinning wheel head	April 10
Munson, Job L.	Hampton, Conn.	Pumps	April 26
Moody, Paul	Waltham, Md.	Spinning frame for cotton	May 6
Martin, Anthony B.	Baltimore, Md.	Compost for improving soils	June 2
Miner, Frederick	New London, Conn.	Cultivator	August 21
Nott, Eliphalet	Schenectady, N. Y.	Fire places	February 3
Noble, Rowell	Baltimore, Md.	Manufacturing nails, &c.	May 17
Noyes, David E.	Philadelphia,	Cutting combs	October 14
Ordronan, John	New York	Balance or fly wheels	April 26
Pierce, Thomas	Hartwick, N. Y.	Steam boilers	February 27
Perkins, Jacob	Philadelphia, Penn.	Lever cotton press	February 27
Parsons, Seth	Hoosick, N. Y.	Shearing cloth,	March 2
Peck, Seth	Southington, Conn.	Manufacturing tin ware	April 23
Pettibone, Daniel	Boston, Mass.	Welding iron and steel	August 21
Pommer, Charles	Philadelphia, Penn.	Producing a swell in keyed musical instruments	August 30
Pettibone, Daniel	Philadelphia, Penn.	Casting balls, shot, &c.	November 10
Pignatelli, John B.	New York	Making paper	December 2
Pierson, Jeremiah H., and James S. Simmons	Hempstead, N. Y.	Weaving machine	December 31
Quigley, Moses A.	Washington county, Md.	Hot pressing broadcloths	June 15
Rudder, James	Norfolk, Va.	Anti-friction brush for blocks	February 6
Reynolds, George N.	Charleston, S. C.	Carriage springs	April 30
Reynolds, George N.	Charleston, S. C.	Moveable axle	April 29
Redmond, Arthur	Nashville, Tenn.	Brewing	May 20
Ransone, William H.	Mathews county, Va.	Thrashing machine	September 8
Russell, William, Jun.	New Bedford, Mass.	Composition for ships' bottoms	November 8
Rowand, Thomas	Gloucester county, N. J.	Tire for wheels, hollowing out	December 24
Smith, Matthew	New York	Stereotype blocks	January 20
Sheldon, William	Springfield, Mass.	Dyeing and tanning	February 26
Smith, Obadiah	Quarrelville, Va.	Ruffs	March 16
Stewart, Adam	Baltimore, Md.	Brick machine	April 8
Salisbury, Hezekiah, Jun.	Brattleboro', Vt.	Window springs	May 24

LIST OF EXPIRED PATENTS—Continued.

NAME OF PATENTEE.	RESIDENCE.	INVENTION, DISCOVERY, OR IMPROVEMENT.	DATE OF PATENT.
Stratton, Benjamin, Jun.	Philadelphia, Penn.	Trusses	1819.
Spedden, Robert	Easton, Md.	Propelling ferry boats	June 23
Smith, Ezekiel F.	Lenox, Mass.	Pneumatic lamp	August 26
Swartwout, James	Taghkanie, N. Y.	Plough	November 8
Simmons, Samuel	Baltimore, Md.	Cradle rocker	November 13
Thomas, Robert	Richmond county, N. C.	Rotary steam engine	December 21
Thomas, Robert	Richmond county, N. C.	Tube auger	May 29
Tisdale, Ephraim	Warren, N. Y.	Cleaning wheat	May 29
Tice, Abraham and Isaac	Union, N. Y.	Plough	July 31
Taylor, Asa	Philadelphia, Penn.	Candle lamp	August 21
Tilge, John H.	Washington, D. C.	Water proof stiffening for hats	October 9
Tucker, John	New York	Cleaning streets	September 23
Usher, Sophia	New York	Carbonated liquid cream of tartar	November 10
Wells, John J.	Poughkeepsie, N. Y.	Making brooms	November 11
Wilson, Thomas	Hartford, Conn.	Printing press	September 3
Wheeler, Artemas	Baltimore, Md.	Smut machine	February 8
Watkins, Horatio	Massachusetts	Rifles and plain barrel guns	February 19
Whiting, Nathan	Washington county, Md.	Winnowing machine	March 18
Wischarf, James	Chester, Vermont	Wheel shovel and scraper	March 19
Whiting, Preston	Wayne county, Indiana	Manufacturing molasses and sugar from wheat, rye, &c.	May 25
Wilmer, Benjamin	Hopkinson, Mass.	Pressing straw bonnets	June 11
Whitehead, John	Baltimore, Md.	Instrument for measuring heights, &c.	August 30
Wood, Jethro	North Providence, R. I.	Power loom	August 30
White, Josiah	Poplar Ridge, N. Y.	Plough	September 1
Willard, Simon	Philadelphia, Penn.	Canal locks	October 19
Youle, George	Boston, Mass.	Clocks	December 13
Young, Dan	New York	Caboose, apparatus for rendering salt water fresh, ventilating vessels, &c.	March 19
	Piermont, N. H.	Separating grain and cutting straw	April 17

PATENTS FOR NEW INVENTIONS, &c.

LETTER

FROM

THE SECRETARY OF STATE,

TRANSMITTING

A List of Patents granted for new Inventions during the year 1834.

JANUARY 5, 1835.

Read, and laid upon the table.

DEPARTMENT OF STATE,

January 2, 1835.

SIR: In compliance with the resolutions of the House of Representatives, dated the 13th of January, 1812, and the 2d of April, 1830, I have the honor to transmit a list, prepared according to the form heretofore used, of the names of persons who have invented any new or useful art, or machine, manufacture, or composition of matter, or any improvement thereon, and to whom patents have been issued for the same within the year 1834, with the dates and general objects of such patents, and also the residences of the patentees, as far as they could be ascertained.

I have the honor to be, sir,

Your obedient servant,

JOHN FORSYTH.

The Hon. the SPEAKER of the House of Reps.

AGRICULTURE.

INTENTIONS OR DISCOVERIES.	NAMES OF PATENTEES.	RESIDENCE.	WEEK ISSUED.
			1834.
Apple, grinding, and shelling corn	Moses Morehouse	Butler county, Ohio	January 23
Apple, machine for slicing	Daniel Davis, 2d.	Stafford, Conn.	March 13
Barley, machine for shelling	Henry Handusky	Bridgeville, Ohio	September 5
Bee hive	Samuel Morrill	Dixfield, Maine	February 4
Bee hive, and management of bees	Levi H. Parish	Brighton, N. Y.	August 6
Bee hive	Abiel Whitman, Jr.	Londonderry, Vt.	November 6
Cheese curd cutter	Isaac Hunter, Jr.	New Braintree, Mass.	December 23
Clover and rice hulling machine	James W. Matthews and Matthew S. Kahle	Lexington, Virginia	January 17
Clover seed, hulling	Elias Horn	Rochester county, Va.	January 30
Clover seed, thrashing and cleaning	Samuel Raub, Jr.	Wilkesbarre, Pa.	March 10
Clover seed, machine for cleaning	David Rankin	Augusta county, Va.	March 19
Clover seed, machine for hulling	Wm. E. Lukens	Cadiz, Ohio	March 26
Clover seed, hulling	William Rowe	Phillips, Maine	April 25
Clover seed, hulling and thrashing machine	Henry Bangs	New York	April 29
Clover seed, hulling and cleaning	Benjamin Wood	Doyles town, Pa.	August 11
Clover seed, separating from chaff	Reuben Ranger	Wilton, Maine	August 21
Clover seed, hulling	Samuel M. Baily	Attleborough, Pa.	August 23
Clover seed, hulling machine	William C. Grimes	York, Pa.	November 8
Clover seed, hulling machine	William C. Grimes	York, Pa.	November 8
Cider mill	Nathan Booth	Cheshire, Conn.	July 12
Corn sheller	Calvin Page	Sandborn ton, N. H.	March 13
Corn shelling and grinding	Samuel Slater and Stephens Noblit	Philadelphia, Pa.	May 12
Corn shelling machine	Timothy Wellman, Jr.	Brooklyn, Vt.	October 9
Corn planter	Henry Blair	Glenross, Md.	October 14
Corn sheller	Rudney Hoyt	Miamisburg, Ohio	October 31
Corn sheller	Warren Johnson	Boscawen, N. H.	December 17
Corn planter	Thacker V. Bush	Clark county, Ky.	December 17
Corn shelling machine	Ezekiel W. Coffin	Gilead, Maine	December 23

Cotton and other seed, hulling	-	L. D. Cavarly	Waterford, Conn.	February 19
Cotton roller-gin	-	Wm. Whittemore, Jr.	West Cambridge, Mass.	March 7
Cotton seed, hulling	-	Henry Hubbard	Claremont, N. H.	April 19
Cotton seed, hulling and breaking	-	Charles Leck and William Jenks	Columbia, S. C.	December 17
Cultivating and tilling the ground	-	Joseph D. Prescott	Chester ville, Maine	May 16
Feed, cutting for horses and cattle	-	Ethel H. Porter	Lincolnton, N. C.	March 14
Flax and hemp, cleaning and breaking	-	Robert Miller	Glasgow, Kentucky	May 23
Grain and berries, screening	-	Martin N. Armstrong and William H. King	New York	December 2
Grain and grass, cutting by horse power	-	Enoch Ambler	Root, N. Y.	December 23
Harrow-teeth	-	Perry Prettyman	Georgetown, Del.	April 3
Hay, machine for spreading and turning	-	Joab Center	Hudson, N. Y.	June 27
Ploughs	-	David Staebler	Lancaster, Penn.	March 15
Plough, self-sharpening	-	Richard B. Chenoweth	Baltimore, Md.	March 17
Plough, planting	-	Benjamin Hussey	Jonesborough, Tenn.	April 1
Plough	-	John Morford	Maysville, Ken.	April 8
Plough	-	Shem Zook	Armagh township, Pa.	June 18
Plough	-	James Jacobs	Maysville, Ken.	July 8
Plough	-	Henry Peachey	Maysville, Ken.	July 8
Plough	-	Joseph Cromwell	Philadelphia, Penn.	July 25
Pulverizer, agricultural	-	Benjamin F. Stuckney	Cynthiana, Ken.	October 9
Reaping all kinds of grain	-	Cyrus H. McCormick	Viola, Mich. Ter.	March 1
Smut machine grindstone, a substitute for other materials used as scourers or rubbers	-	Bartholomew Smith	Rockbridge county, Va.	June 21
Smut machine, scouring grain, hulling barley and rice, &c.	-	Barker Wing	Bethlehem, N. Y.	January 9
Straw, hay, &c., cutting	-	and Orlando Root	Verona, N. Y.	March 12
Straw, hay, &c., cutting	-	Joseph S. Bishop	Amsterdam, N. Y.	March 13
Straw, hay, &c., horizontal cutter	-	Barnabas Davee	Wayne, Maine	March 12
Straw cutter	-	Paul Moody	Leeds, Maine	June 17
Straw cutter	-	Nimrod Murphree	Philadelphia, Penn.	July 8
Straw cutter	-	Stephen Ustick	Nashville, Tenn.	September 17
Threshing machine	-	Joshua Moore	Philadelphia, Penn.	October 3
Threshing machine	-	Theodore Smith	Roane county, Ten.	December 23
Threshing machine, and cleaning clover seed	-	Wm. K. Weed	Enfield, N. Y.	February 3
Threshing machine	-	William Morgridge	New York	February 11
	-	John P. Williams	Chester ville, Maine	February 13
	-		Eldridge, Va.	February 13

LIST OF PATENTS.—AGRICULTURE—Continued.

INVENTIONS OR DISCOVERIES.	NAMES OF PATENTEES.	RESIDENCE.	WHEN ISSUED.
Threshing machine	Jehial F. Axtell	Geneva, N. Y.	1834. February 18
Threshing machine	Daniel Davis & Jas. Holmes	Fredericksburg, Va.	March 3
Threshing machine, horse power	Jacob V. A. Wemple	Florida, N. Y.	March 25
Threshing machine	Sylvanus Leonard	Hamptden, Maine	March 27
Threshing machine	Ebenezer Chandler and Joseph A. Holland,	Kennebec, Maine	April 25
Threshing machine	Richard P. Sutherland,	Chatham, N. Y.	April 26
Threshing machine, horse power	Amos Parker	Portland, Maine	May 14
Threshing machine	James D. Emes	Iansingburg, N. Y.	June 4
Threshing machine	John Melvin	Readfield, Maine	June 18
Threshing machine	Michael Ames and John Wright	Fredericksburg, Va.	July 10
Threshing machine	Gideon Hotchkies	Windsor, N. Y.	July 25
Threshing machine	John Marshall, Jr.	Sweden, N. Y.	August 1
Threshing machine	Isaac Gallop	Plainfield, Conn.	August 18
Threshing machine	Charles Wilson	New York	August 19
Threshing machine	John Matthias	Manchester, Md.	August 27
Threshing machine	Israel Lukens	Upper Dublin Tp., Penn.	September 2
Threshing machine, and corn shelling	David Knauer	E. Nantmeal Tp., Penn.	September 25
Threshing machine, grain	John Brown	Jackson, Ten.	October 21
Threshing machine, grain	John and Daniel Fitzgerald	New York	October 30
Threshing machine, and hair picker	Joshua Bean	Readfield, Maine	November 6
Threshing machine, grain	Stacy West	Harford county, Md.	November 11
Threshing machine, and winnowing	William Loughton	Portsmouth, N. H.	November 17
Threshing machine, and straw-cutter	John Stewart	Cambridge, Md.	November 17
Threshing machine	John Shaw	Augusta, Maine	November 19
Threshing machine	Chas. P. Tenant & Wm. Eaton	Wooster, Ohio	December 17
Threshing machine	Webber Furbish	Hallowell, Maine	December 17
Wheat, &c., cutting and cradling	Bernard Jackson	Brown county, Ohio	June 14.

LIST OF PATENTS.—FACTORY MACHINERY.

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INVENTIONS OR DISCOVERIES.	NAMES OF PATENTEES.	RESIDENCE.	WHEN ISSUED.
Aselepias syriaca, manufacturing external fibres	Margaret Gerrish	Salem, Mass.	1834.
Auger, twisting machine	Oliver Snow	Meriden, Conn.	March 27
Auger, spiral screw	Alfred Newton	Meriden, Conn.	May 13
Auger, single twist spiral screw,	Nathaniel C. Sanford	Meriden, Conn.	August 8
Auger pump, and spur bits	Raymond French	Derby, Conn.	August 8
Bells, hanging	Joseph Currier	Boston, Mass.	November 11
Bells, constructing for horses	Jason Barton	Boston, N. Y.	January 23
Cane, for spinning cotton, by employing sheet-iron	Wm. A. Crocker	Cairo, N. Y.	March 18
Chest, iron fire-proof, (patented March 7th, 1836.)	Jesse Delano	Taunton, Mass.	June 3
Cloth, part wool and part cotton, dressing, (patented May 20, 1833.)	Calvin W. Cook	New York	August 13
Combs, manufacturing, welding, or cementing horn, hoofs, whalebone, &c.	Arad B. Newton	Lowell, Mass.	January 23
Combs, manufacturing	Benjamin Redheffer and William Redheffer	Baltimore, Md.	March 31
Combs, metal	Allen Porter	Penn Tp., Penn.	May 26
Cotton gin	Jacob Perkins	Hartford, Conn.	June 14
Cotton, machine for whipping and cleaning	Samuel P. Mason	Bridgewater, Mass.	June 14
Figured fabrics, manufacturing	John Smith	Killingly, Conn.	July 8
Fliers, for double speeders	Otis Pettee	Shaefferstown, Penn.	August 4
Fur blowing machine	Shepherd Whitman	Newton, Mass.	August 28
Fur, extracting from skins, and manufacturing it into yarn	Levi Ward, assignee of Phebe Atwell	New Albany, Indiana	March 23
Glass blowing machine	Thomas Bakewell and John P. Bakewell	Walworth, N. Y.	April 30
Gridiron	Ami Clark	Pittsburg, Penn.	February 8
Grinder, elliptical spindle	James Wheaton	Berlin, Conn.	March 28
Hammer arm, forge	James Sharp	Providence, R. I.	May 28
Harness, weavers', constructing	John Blackmar	Colebrook, Penn.	June 14
Hats, cooling and coloring	Richard Pike	Killingly, Conn.	August 7
		Wilton, Conn.	January 23

LIST OF PATENTS.—FACTORY MACHINERY.—Continued.

INVENTIONS OR DISCOVERIES.	NAMES OF PATENTEES.	RESIDENCE.	WHEN ISSUED.
Hats, dying and airing—frame hat block	-	-	1834.
Hats, manufacturing napped	Norris L. Canfield	Wilton, Conn.	March 14
Hats, body for	Lemuel Lyon, 2d.	Needham, Mass.	May 16
Hats and bonnets, finishing Leghorn	William Nunns	New York	August 14
Hatters' kettles, constructing	Joseph Snyder	Philadelphia, Penn.	August 21
	Wm. Porter and Abraham Sanger	Waltham, Mass.	July 8
Hemp, flax, and wool, machine for hatching	Daniel Treadwell	Boston, Mass.	August 18
Hemp, Manilla, machine for dressing	Chandler E. Potter	Portsmouth, N. H.	December 23
Hinges, butt, manufacturing	Darwin Ellis	Attleborough, Mass.	August 8
Latches, Norfolk	Harlow Isbell	Meriden, Conn.	November 8
Latches, Norfolk	Harlow Isbell	Meriden, Conn.	November 8
Locks and bolts	Henry C. Howells	Putnam, Ohio	February 10
Locks	Simon Pettes	Bellowsfalls, Vermont	July 12
Locks, safety	Zibeon Wilbur	Woodbury, Conn.	December 23
Loom, carpet	John Haight	Harsimus, N. J.	May 17
Loom, power	James C. Kempton	Manayunk, Penna.	June 14
Loom, power	Adin Holbrook and Benjamin F. French	Dunstable, N. H.	June 17
Loom, figure power	James M. Hoggan	New Haven, Conn.	October 14
Loom, lay for power	Benjamin Brooks	New Market, N. H.	December 17
Nails, spikes, tacks, rivets, horse-shoes, horse-shoe nails, screwbolts, &c. of wrought iron,	William Schnebly and Thomas Schnebly	Hagerstown, Md	March 3
Nails, brads, &c., wrought	William Slater	Clarksville, Ohio	March 5
Nails, spikes, &c.	William Osgood and Ebenezer Hunt	Troy, N. Y.	March 14
Nails, making at one operation	Melvil Otis	E. Bridgewater, Mass.	March 20
Nails, manufacturing wrought	Reuben Daniels	Woodstock, Vt.	May 13
Nails, manufacturing, (patented October 25, 1832.)	Freeman Palmer	Buffalo, N. Y.	August 7
Nail and spike machine	Henry Burden	Troy, N. Y.	December 2

Nail and spike machine, wrought	William C. Grimes	York, Penn.	December 17
Nail and spike machine, wrought, from prepared material	William C. Grimes	York, Penn.	December 17
Napping and steaming cloth	S. R. Parkhurst	Providence, R. I.	June 24
Nets for horses, (patented December 8, 1831, reissued)	Henry Korn	Philadelphia, Penn.	April 19
Nets for horses, (patented September 12, 1839, reissued)	Henry Korn	Philadelphia, Penn.	April 19
Oakum, manufacturing	Ebenezer Cook and Selden Usher	Haddam, Conn.	June 7
Palm leaf, machine for splitting	Charles Wadsworth	Barre, Maine	November 17
Palm leaf, machine for splitting	Charles Wadsworth	Barre, Maine	December 23
Paper, cutting and trimming, in the ream	John Ames	Springfield, Mass.	February 28
Paper, cutting and trimming, in the ream	John Ames	Springfield, Mass.	February 28
Paper, making	Joseph Truman	Bridgeport, Penn.	February 28
Paper, cutting and trimming the edges	Jonas Bateman	Harvard, Mass.	March 12
Paper engines, washers for	Clarke Rice	Watertown, N. Y.	April 26
Pipes and tubes for conveying water	Andrew Coffman	Shenandoah county, Va.	March 18
Plane, plough	Israel White	Philadelphia, Penn.	January 9
Pots, tea and coffee, of Britannia and other ware	William W. Crossman	Taunton, Mass.	March 12
Punching metals	Levi C. Bunnel	Orisego, N. Y.	October 10
Rolls, eccentric, application of plain or fluted to common, plain, grooved, or fluted plating, &c.	William V. Many	Albany, N. Y.	January 30
Rope making, called an iron tail	Daniel Treadwell	Boston, Mass.	February 5
Rope yarn, machine for tarring	Daniel Treadwell	Boston, Mass.	August 18
Rope and other yarns, spinning	Sidney B. Whitlock	New York	August 23
Roping cotton, &c., called "wave motion"	Louis Brewster, administrator of Gilbert Brewster	Poughkeepsie, N. Y.	December 17
Roving machine, belted, of hemp, flax, &c.	Daniel Treadwell	Boston, Mass.	February 3
Roving, twisting, from speeders	William Fowler and Richard M. Germond	Union Vale, N. Y.	November 24
Sand paper, manufacturing	Isaac Fisher, Jr.	Springfield, Vt.	June 14
Sand paper, softening after the powder or grains have been applied	Isaac Fisher, Jr.	Springfield, Vt.	June 14
Sand paper	Isaac Fisher, Jr.	Springfield, Vt.	June 14
Sand paper	Isaac Fisher, Jr.	Springfield, Vt.	June 14
Saws, gumming	Joshua Draper	Harrisburg, Indiana	May 31
Screw drill, stock	Charles Babbit	Taunton, Mass.	April 29
Screws, wood, manufacturing	R. C. Read and Clement O. Read	Worcester, Mass.	June 27
Scythes, manufacturing	Abel Simonds	Fitchburg, Mass.	January 23

Weaving coverlids, carpets, diapers, &c.	-	Emanuel Meily, Jr., John Mellinger, and Samuel Mellinger	Lebanon, Penn.	-	March 1
Wire, manufacturing of various shapes from steel, copper, brass, &c.	-	Thomas Wallace	Haverstraw, N. Y.	-	March 28
Wrench, rack	-	Solyman Merrick	Springfield, Mass.	-	April 18.

LIST OF PATENTS.—COMMON TRADES.

INVENTIONS OR DISCOVERIES.	NAME OF PATENTEE.	RESIDENCE.	WHEN ISSUED.
Bedstead	Perry Prettyman	Georgetown, Del.	1834.
Bedstead, sofa, and settee	Francis Breckels	New York	March 31
Bedstead	Robert Miller	Glasgow, Kentucky	April 7
Bedstead, for sick and wounded	William Leo Wolf	New York	May 23
Bedstead, for sick and wounded	Williams Woolley	New York	July 15
Bedstead, for sick and wounded	David Anthony	Adams, Mass.	Aug. 30
Bedstead	Ezra Coleman	New Bedford, Mass.	Sept. 13
Bedstead	Benjamin Humphreville and James King	Morristown, N. J.	Oct. 31
Bellows	James Robe	Morgantown, Virginia	Dec. 17
Bellows	George L. Dimpfel	New York	April 17
Bellows, for smiths' and furnace fires	John R. Morrison	Springfield, Ohio.	May 23
Boards, tonguing, grooving, and planing	John D. Beers	Philadelphia, Penn.	Dec. 23
Boots, shoes, socks, &c., water proof	William Atkinson	Tewkesbury, Mass.	Jan. 18
Boots and shoes from India rubber leather	Edwin M. Chaffee	Roxbury, Mass.	March 7
Boots, machine for drawing	Lewis H. Dole and Nathaniel Pickard	Rowley, Mass.	May 17
Boring timber for mortising	Benjamin Knight	Cranston, R. I.	July 13
Bits for bridles	Henry Pierce	Sharon, Conn.	Oct. 23
Bricks, machine for moulding and pressing	Cyrus Chaney	Prospect, Maine,	March 15
Brick machine, (patented, June 29, 1830, reissued)	Nathaniel Adams	Cornwall, N. Y.	Sept. 11
Bricks, machine for moulding	William C. Grimes	York, Penn.	Oct. 14
			Dec. 3

LIST OF PATENTS.—COMMON TRADES.—Continued.

INVENTIONS OR DISCOVERIES.	NAMES OF PATENTEES.	RESIDENCE.	WHEN ISSUED.
Brick machine, press	William C. Grimes	York, Penn.	1834.
Brick, machine for moulding	Daniel Wolfe	Moult Vernon, Ohio	Dec. 2
Brick, machine for moulding	Robert Rankin	Frankfort, Maine	Dec. 23
Bugs, destroying, perfuming houses, and cleaning furniture	Joseph H. Clark	Connersville, Indiana	Dec. 24
Bugs, machine for destroying by steam	Jonathan Howlet	Greenborough, N. C.	May 31
Chair, easy	Benjamin Franklin Hays	Pittsfield, Mass.	July 10
Churn, tin	Thomas E. Warner	Harford county, Md.	Dec. 17
Churn	James Gustine	New Petersburg, Ohio	Feb. 11
Churn	John Brown	Hallowell, Maine	May 14
Churn	Joshua Ricker	Bangor, Maine	June 18
Churn	Adna L. Norcross	Hallowell, Maine	August 9
Clapboards, machine for sawing	Otis Parker and Daniel Parker	Hubbardstown, Mass.	Sept. 19
Clamp used in sewing leather	Joseph Burrington	Hurke, Vermont	Dec. 24
Collars, horse	Ebenezer Whitney	Chenango, N. Y.	May 1
Collars, blocking hame	Nathan Post	Norfolk, N. Y.	June 4
Collars, horse machine	Dyer Cleaveland	Owego, N. Y.	July 24
Crackers, biscuit, &c., (patented, Dec. 24, 1834, reissued)	Daniel Poole	Dauphin county, Penn.	Sept. 13
Crackers, machine for cutting	Lucius Kirtland	New Haven, Conn.	Sept. 4
Cracked hair, machine for picking	John Thompson, 3d	Essex county, Mass.	July 8
Dough for bread	Noah Wyeth	Hingham, Mass.	May 12
Feathers, machine for dressing	George Reynolds	East Hartford, Conn.	Feb. 7
Fly driver	R. H. Fauntleroy	New Harmony, Indiana	Aug. 13
Garments, draughting and cutting	James H. Chappell	Chillicothe, Ohio	Jan. 18
Hammer hatchet	Joel Howe	Princeton, Mass.	July 8
Hammer, stone	Galen H. Peirce	Middlebury, Mass.	Dec. 17
Harness, hooks, and bits	Asahel A. Hotchkiss and Ebenezer Garnsey	Sharon, Conn.	Jan. 23
Horse-shoe machine	Ezekiel Davis and Samuel Field	Barre, Mass.	Oct. 8.
		Oakum, Mass.	Oct. 8.

Horse-shoe machine	Charles B. Reed	W. Bridgewater, Mass.	Oct 20
Horse-shoe machine	Elisha Tullus	Winchester, Conn.	October 24
Knife or fletcher, tempering	John Glenn	Champaigne county, O.	April 24
Knife, saw	Lorenzo Graham	Paris, N. Y.	July 29
Lath cutting machine	Dana Hubbs	Wheeling, Va.	July 19
Lath cutting machine	William W. Leuer	Urbana, Ohio.	October 8
Lath machine	Seba Howard	Easton, } Mass.	December 17
Lathe pattern for turning lasts, &c.	and Caleb Howard	Bristol, }	December 23
Leather, machine for banding	Henry Mellish	Walpole, N. H.	September 16
Marble, smoothing, polishing, and grinding	William G. Waterman	Sullivan, N. Y.	June 14
Mattresses, of palm leaf	Samuel Risley, admin'r of	Philadelphia, Penn.	September 13
Mortising glass	Richard S. Risley	Cambridge, Mass.	January 16
Mortising wood, (patents of 8th Dec. 1830, and 6th Dec. 1832, cancelled)	Elias Howe	Orange, Mass.	January 30
Mortising timber	Orin Ellis	Poughkeepsie, N. Y.	March 20
Mortising and tenoning machine	Charles Thompson	Somers, Conn.	October 20
Mortising machine	Jeremy W. Bliss	Brooklyn, N. Y.	December 17
Pegging boots and shoes	Erastus M. Shaw	Worcester, Mass.	April 3
Planing, mouldings, and smooth planing, (patents of 6th Dec. 1830, and 6th Dec. 1832, cancelled)	John Hasset Chandler	Westborough, Mass.	January 30
Planing and matching machine	Nathan A. Fisher	Poughkeepsie, N. Y.	December 23
Planing machine	Charles Thompson	Springwater, N. Y.	December 23
Puddlers balls, pressing out instead of hammering	Zadock B. Grover and	Worcester, Mass.	April 18
Roofs, fire-proof and water-tight	David Lawton	Haverstraw, N. Y.	February 28
Raising building materials, called "builders' tender"	Thomas B. Daniels	Lexington, Va.	March 27
Saddles, spring riding	John Henson	Brattleboro', Vt.	February 11
Saddlebag	Chester Samson	New York	June 7
Saddle, riding	Richard Harrison	Flint Hill, Va.	October 26
Saddle, side	Joseph H. Latouraudais	Goffstown, N. H.	December 3
Sausage meat, cutting	Alonzo R. Dinsmoor	Schoharie, N. Y.	January 23
Sausage meat, cutting	Olney Briggs	Quincy, Penn.	January 23
Sawing and boring machine	Jacob Fahrney	Hagerstown, Md.	February 6
Sawing timber, wood, metal, marble, &c., chain saw for	Daniel S. Middlekauff	Funkstown, Md.	April 16
	Valentine Glass	New York	June 3
	Benjamin F. Goodspeed	Belfast, Me.	
	and Daniel H. Wiswell		
	Phineas F. Quimby		

LIST OF PATENTS.—COMMON TRADES.—Continued.

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INVENTIONS OR DISCOVERIES.	NAMES OF PATENTEES.	RESIDENCE.	WHEN ISSUED.
Sawing wood for fuel, blocks for shingles, &c.	Harlow Mitchell	Rutland, N. Y.	1834.
Shears, for cutting brass, copper, &c.	George Christian	Mentz, N. Y.	June 14
Shingles, cutting, from the stock	George Knole	Montgomery county, Va.	September 20
Shingles, shaving and pointing	Samuel B. Chapman	Burlington, N. J.	March 10
Shingles, sawing, from the stock	John W. Smith	Montgomery county, Va.	March 16
Shingles, blinds, slates, &c., sawing	Isaac Drake	Minot, Me.	April 26
Shoes, cutting out	Charles Weston	Salem, Mass.	May 24
Shoe bench, perpetual	Samuel Haynes	Malden, Mass.	May 27
Shoe pattern, perpetual	Samuel Haynes	Malden, Mass.	September 1
Sink, cast iron	Zena Tarbox and Levi B. Tarbox	Malden, Mass.	October 16
Sink, movable	Peter Bartholemey	Delaware county, N. Y.	August 6
Staves, sawing, improvement on D. Tom's	Jease J. Smith and John Price, Jun.	New York	December 2
Staves, dressing, for barrels—	Solomon Crumbr	Cayuga county, N. Y.	January 21
Staves, jointing and making, for barrels, &c.	Cyrus McGregory	Backhorn, Penn.	March 18
Steel, machine for dressing	Asahel Fairchild	Newport, N. H.	August 26
Steel, revolving	Benj. E. Hoyt	Queensbury, N. Y.	December 17
Striker, blacksmiths' assistant	William B. Dobson	Ipswich, Mass.	August 20
Striker, for hammering iron, &c.	Joel Woodel	Surrey county, N. C.	April 26
Tenons, sawing, (patents of 6th Dec. 1830, and 6th Dec. 1832, cancelled)	Charles Thompson	Jackson, Tenn.	August 6
Tobacco, manufacturing, by machinery	James Maurey	Poughkeepsie, N. Y.	January 30
Washing machine	William Miller and Ezra Rogers	Petersburg, Va.	August 15
Washing machine	Uriah L. Clarke	Connersville, Ind.	January 17
Washing machine, revolving	Philip Horney	Manor township, Penn.	February 6
Washing machine	Jotham Chase	Randolph county, N. C.	April 21
Washing machine	Jesse Giltman	Waterborough, Me.	June 23
Washing machine	Avery B. Gates	Waterborough, Me.	July 14
Washing machine		Connersville, Ind.	August 1

LIST OF PATENTS.—LAND WORKS.

INVENTIONS OR DISCOVERIES.	NAMES OF PATENTEES.	RESIDENCE.	WHEN ISSUED.
Washing machine	John D. Givin	Washington co. Ten.	October 3
Washing machine, improvement on G. A. Stocking's	Alanson D. Lord	Bethany, N. Y.	November 24
Washing machine, lever power	William C. Kniffin	Alexander, N. Y.	December 17
Washing machine, and churn	Nahum Swett	Readfield, Me.	December 24
Wash boards, fluting and counter fluting	Edward Lord	Winchendon, Mass.	March 8
Water tables, for doors	John Burt, Jun.	Tiverton, R. I.	January 24
Water tables, for doors	Daniel Bulkeley	Hampton, Conn.	June 14
Whip, percussion pistol	Joshua Shaw	Philadelphia, Penn.	March 17
Window sash	Joseph Ingham	Wyalusing, Penn.	January 29
Window and other frames, covering with wave wire	James Sellers	Philadelphia, Penn.	February 18.
INVENTIONS OR DISCOVERIES.	NAMES OF PATENTEES.	RESIDENCE.	WHEN ISSUED.
Bridges, building	Jonas Snyder	Union county, Pa.	1834. February 3
Canals, constructing and applying locomotive engines to boats, barges, &c. on	Charles Bonnycastle	Charlottesville, Va.	January 21
Cars, railroad	Ross Winans	Baltimore, Md.	October 1
Cars, railroad, running gear for	James Stimpson	Baltimore, Md.	October 23
Cars, railroad, and engines, constructing wheels for	James Stimpson	Baltimore, Md.	October 23
Cars, railroad, propelled by horse power	Daniel W. Crocker	Philadelphia, Pa.	October 30
Locomotive engines, cars, and carriages	Alfred C. Jones	Philadelphia, Pa.	June 14
Locomotive engines, enabling to ascend planes	Levi Burnell	Elyria, Ohio	June 26
Locomotive engines, and cars for railroads	Matthias W. Baldwin	Philadelphia, Pa.	September 10
Locomotive horse power	John R. Sleeper	Philadelphia, Pa.	October 30
Railway carriages, (patented March 18, 1839, reissued)	Isaac Knight	Baltimore, Md.	July 10
Roads, streets, &c. composition of matter and constructing Railroad tracks and wheels	John Martineau	Elbridge, N. Y.	August 11
Springs for railroad cars	Edward C. Hyde	Natchez, Miss.	December 3
Wheels, driving, of locomotive engines, increasing the adhesion	Ross Winans	Baltimore, Md.	June 14
	Ezra L. Miller	Charleston, S. C.	June 19.

LIST OF PATENTS.—NAVIGATION.

INVENTIONS OR DISCOVERIES.	NAMES OF PATENTEES.	RESIDENCE.	WHEN ISSUED.
			1834.
Architecture, naval	Christopher Hoxie	New York	February 11
Boats, building, called safety hulls	George W. Fddy	Waterford, N. Y.	February 28
Boats,	Rufus Porter	Billerica, Mass.	May 26
Boats, twin	Charles Harris	Norfolk, Va.	May 27
Boats, chain, for inland navigation,	Gordon F. Saltonstall	Society Hill, S. C.	July 13
Boats, wheels for propelling	William Kelly	Pittsburg, Pa.	July 12
Boats, cylinder	Amos Kendal	Washington, D. C.	September 2
Boats, &c., propelling	William Burk	Whitemarsh, Pa.	December 2
Boats, &c., engine for unloading and removing weights	Thomas Potter, Sen.	Rowling Green, Ky.	December 17
Boats, propelling, improvement on his water wheel for	William Kelly	Pittsburg, Pa.	November 17
Boats, &c. propelling by spiral	Isaac Theal	New York	December 24
Blocks, tackle, and pulleys of metal	James Barron	Philadelphia, Pa.	October 20
Caissons, constructing, for founding piers of bridges, or for laying pipes under water.	George Daniels	Philadelphia, Pa.	February 28
Canal steamboat	Daniel W. Crocker	Philadelphia, Pa.	May 3
Canal boats,	John McCausland	Kingston, N. Y.	June 14
Dams, chutes for	Amos Addis	Washington Tp., Pa.	October 4
Diving suit,	Nathaniel Wolcott	Sidney, N. Y.	April 17
Diving suit,	Fowler Smith and Lewis S. Steele	Norfolk, Va.	April 23
Docks, floating dry	Leonard Norcross	Dixfield, Maine	June 14
Diving suit, elastic	James H. Peck, William Thomas, Robert Wash, and John D. Coalter, assignees of John Thomas	St. Louis, Mo.	March 26
Propelling boats on canals and in shoal water	Levi Burnell	Elyria, N. Y.	May 21
Steamboats, constructing	Henry Burden	Troy, N. Y.	March 8
Steamboats and other vessels, and propelling them on canals without injuring the banks,	Anthony Plantou	Philadelphia, Pa.	April 23
Sheaves or pulleys, bushing and pins for	Moses H. Marshall	Gloucester, Mass.	July 10
Shrouds, &c. of vessels, machine for tightening	David Stackpole	Portland, Maine	October 10

Steering vessels	-	John B. Holmes	-	Boston, Mass.	April 11
Ventilating ships, prisons, hospitals, &c. by machinery	-	Russell Jarvis	-	Boston, Mass.	March 5
Vessels, planking	-	Thomas Blanchard	-	New York	March 20
Vessels, protecting against snags, called a "steel spring bow fender"	-	William Johnson	-	Louisville, Ky.	May 16
Vessels, blocks used in building	-	John Williston	-	Portsmouth, Va.	November 6
Windlasses	-	L. V. Badger and Richard Walker	-	Portsmouth, N. H.	June 17.

LIST OF PATENTS.—CALORIFIC AND STEAM APPARATUS.

INVENTIONS OR DISCOVERIES.	NAMES OF PATENTEES.	RESIDENCE.	WHEN ISSUED.
Anthracite, and other fuel, promoting combustion of	Phineas Davis	Baltimore, Md.	1834.
Baker, metal	Josiah St. John	Hudson, N. Y.	July 29
Baker, steam	Philo F. Wilcox	Springfield, Mass.	September 30
Boilers for steam engines	Russell Jarvis	Boston, Mass.	September 3
Boilers for steam engines	Levi Burnell	Elyria, Ohio	March 29
Boilers, mode of determining the height of water in	Benjamin Phillips	Philadelphia, Penn.	May 21
Boilers, for generating steam and evaporating fluids	John Goulding	Dedham, Mass.	June 21
Boilers, for generating steam and evaporating fluids	John Goulding	Dedham, Mass.	October 25
Chandelier, or hanging lamp, (pat'd March 23, 1831)	William Lawrence	Meriden, Conn.	October 25
Chimneys, curing smoky back and hearth	Henry Pollock	Baltimore, Md.	March 10
Chimneys, draught in	Elijah Skinner	Baltimore, Md.	March 11
Chimneys, apparatus to prevent smoking	Urban B. A. Lange	Sandwich, N. H.	April 3
Condenser	James Root	Philadelphia, Penn.	October 14
Distillation, apparatus for	Joseph T. Dwyer	Painesville, Ohio	May 26
Explosion, preventing, in boilers	Timothy Newhall, Jun.	Nashville, Tenn.	October 14
Explosion, preventing, in boilers by applying a fusible alloy	Cadwallader Evans	Lynn, Mass.	April 12
Fire-places, chimneys, stoves, &c., for burning coal	Ormsby M. Mitchell	Philadelphia, Penn.	May 8
Fire-places, and warming buildings	James Cox	Cincinnati, Ohio	March 9
Fire-places	Horace Saxton	Philadelphia, Penn.	May 2
Fire-places, steam	John W. Cochran	Eden, N. Y.	July 8
		Lowell, Mass.	July 18

LIST OF PATENTS.—CALORIFIC AND STEAM APPARATUS—Continued.

INVENTIONS OR DISCOVERIES.	NAMES OF PATENTEES.	RESIDENCE.	WHEN ISSUED.
Fire-places, cast iron	-	-	1834.
Fire-places and stove	-	-	September 25
Forge, or heating wind for blacksmiths' fires	Ansel Hayward	Easton, Mass.	December 3
Forge, and applying bellows thereto	Elias W. Newton	Middletown, Conn.	April 16
Furnaces, evaporating, general process of accelerating the preparation of common salt by artificial heat, &c.	John Howe	Alna, Maine	May 31
Furnace, hot air, or apparatus for warming rooms	Ransom Green	Brunswick, N. Y.	-
Furnace, blast, heating and applying air	James Colquhoun	Charleston, Va.	February 6
Furnace, portable	John Bouis	Baltimore, Md.	March 29
Furnace for heating bar iron, &c.	Isaac Tyson, Jun.	Baltimore, Md.	April 18
Furnace, for anthracite coal	John Lewis	Derby, Conn.	July 8
Grate, union or double	Henry Burden	Troy, N. Y.	October 14
Gridirons, construction of, (pat'd July 31, 1839, reissued)	Denison Olmsted	New Haven, Conn.	November 5
-	James Wilson	New York	September 12
-	Fenner Bush and Linus Pratt	Meriden, Conn.	September 17
Heat, apparatus for applying and conducting	John Cooper Douglas	New York	December 23
Lamp lighting	Edmund Hubbard and William L. Cheney	Chester, Mass.	March 14
-	Daniel Gilbert	Brattleborough, Vt.	March 29
-	Jacob Keim	Philadelphia, Penn.	March 29
Lamp	John L. Sullivan	New York	August 18
Lamp	David Hull	Utica, N. Y.	March 28
Metallurgy, machine for facilitating the process in, of freeing the ores of the precious metals from sulphur, &c.	Stephen J. Gold	Cornwall, Conn.	March 29
Oven, retaining, for baking and cooking	Richard R. Tongue	Fryburg, Me.	August 15
Oven, improved	Samuel S. Eaton	Mansfield, Conn.	December 17
Oven	Benjamin Blaney	Boston, Mass.	December 17
Oven	Samuel Hall	Basford, England	October 30
Pistons, &c. of steam engines, lubricating	Isaac Barnum	New York	April 16
Pump, steam vacuum	Edward Rockwell	New York	March 5
Rimis, metallic, for vault lights	Ezra Whitman, Jun.	Wintthrop, Me.	April 28
Roasting jack	-	-	-

Safety engine, or machinery to supersede the use of steam	-
Smelting iron ore	-
Steam, application of, to machinery, endless screw, &c.	-
Steam engine	-
Steam, generating	-
Steam engines, mode of operating	-
Steam engine, compound rotary, and boiler	-
Steam engine, expansive	-
Steam engine, rotary	-
Steam engine, making dry	-
Steam engine	-
Still	-
Still, alcohol	-
Stove, cooking, &c., preventing the waste of heat	-
Stove, cooking	-
Stove, globe or radiator	-
Stove, cooking	-
Stove, for anthracite coal	-
Stove, ventilating	-
Stove, for cooking, &c.	-
Stove, cooking	-
Stove, common furnace	-
Stoves and grates, heat preserving and diffusing	-
Stove, rotary	-
Stove, cooking, with a circular revolving oven	-
Stove, cooking	-
Stove, reflecting Franklin cook	-
Stove, rarifying oven cook	-
Stove, cooking	-
Stove, cooking	-
Stove, cooking	-
Stove for burning coal	-
Stove, cooking	-
Stove, cooking	-
Stove, cooking	-
Stove, bake	-

Lewis Marchand	-
Thomas S. Ridgway	-
Joseph Ingham and Julius Davis	-
John B. Emmerson	-
Thomas Spalding	-
Zachariah Allen	-
Simon Fairman	-
Sprague Barber	-
William Sutton	-
John Goulding	-
Samuel Hall	-
Jacob Weitzell	-
John Wright	-
Eliphalet Nott	-
John G. Treadwell	-
Walter Hunt	-
Elisha D. Payne	-
Abraham D. Spoor	-
Daniel Quimby	-
John Harriman	-
Thomas Whitson	-
James Atwater	-
William Mix	-
Elisha Town	-
George G. Prentiss	-
Philo P. Stewart	-
Samuel W. Phelps	-
Samuel W. Phelps	-
Horace Bartlett	-
John Moffat	-
Samuel B. Sexton	-
Abiel Smith	-
William A. Hopkins	-
Carington Wilson	-
Henry W. Camp	-
Henry Cadwell	-

Baltimore, Md.	June 14
Pottsville, Penn.	December 17
Fabius, N. Y.	February 12
New York	March 8
McIntosh county, Ga.	March 23
Providence, R. I.	March 28
Lansingburg, N. Y.	May 24
Providence, R. I.	June 14
Geneva, N. Y.	September 18
Deudham, Mass.	October 25
Basford, England	October 30
Lancaster, Penn.	January 30
New York	October 22
Schenectady, N. Y.	January 9
Albany, N. Y.	January 23
New York	February 8
New York	March 8
Coxsackie, N. Y.	March 15
Calais, Maine	March 29
Haverhill, Mass.	March 31
Roxbury, Mass.	April 11
New Haven, Conn.	April 19
Prospect, Conn.	May 14
Montpelier, Vt.	May 16
Smithfield, R. I.	June 3
Ellyria, Ohio	June 19
Cincinnati, Ohio	July 16
Cincinnati, Ohio	July 16
Carmel, N. Y.	August 1
Buffalo, N. Y.	August 13
Philadelphia, Penn.	August 14
North Providence, R. I.	August 27
New York	September 30
New York	October 10
Owego, N. Y.	October 14
Owego, N. Y.	October 14

LIST OF PATENTS.—CALORIFIC AND STEAM APPARATUS—Continued.

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INVENTIONS OR DISCOVERIES.	NAMES OF PATENTEES.	RESIDENCE.	WHEN ISSUED.
Stove, portable cooking	Thomas Whitson and Gustavus E. Haynes	Roxbury, Mass.	1834.
Stove, cooking	Levi Burnell	Elyria, Ohio	November 19
Stove, cooking	James Childs	Henniker, N. H.	November 25
Valves for steam boilers	David B. Lee	Philadelphia, Penn.	December 17
Valves, throttle	Augustus S. Dawley	Boston, Mass.	January 23
Valves, self-balance steam	John Kirkpatrick	Baltimore, Md.	April 18
Valves for steam engines	Thomas B. Stillman	New York	July 10
Vinegar, manufacturing	Edward Clark	Saugerties, N. Y.	October 30
Warm air, for heating buildings, &c.	Joseph L. Dutton	Philadelphia, Penn.	June 19
Water, heating, for scalding hogs and washing clothes	Isaac Thorn, Jun.	Bordentown, N. J.	March 13
Worm for stills	John G. Webb	Waterford, N. Y.	February 11
			February 11.

LIST OF PATENTS.—HYDRAULICS.

INVENTIONS OR DISCOVERIES.	NAMES OF PATENTEES.	RESIDENCE.	WHEN ISSUED.
Cisterns, reservoirs, and walls for holding water	Nathaniel Foster and Wm. Van Vleck	Sullivan, N. Y.	1834.
Cisterns, (improvement on Booth's,) constructing	Obadiah Parker	Syracuse, N. Y.	March 2
Engine, regulated pressure	Daniel Livermore	Blairsville, Pa.	September 15
Engine for elevating and throwing water	Thomas A. Chandler	Norfolk, N. Y.	July 24
Faucet, or molasses gate	Charles Woodyear	Philadelphia, Pa.	August 9
Filtering apparatus	Littleton Ayres	Baltimore, Md.	February 5
			July 8

Filtering machine, for purifying water	-	Isaac Wiseman	New York	August 30
Hose, India rubber	-	Edwin M. Chaffee	Roxbury, Mass.	January 9
Hydrant	-	Jacob Stroop	Pittsburg, Pa.	November 11
Hydraulic machine, on a new principle of action	-	Thomas Hutchings	Reading, Pa.	May 7
Ladders, fire	-	James L. Hannah	New York	August 19
Pipes, for fire engines	-	James Riley	Boston, Mass.	February 6
Pumps	-	Dudley L. Farnam	Philadelphia, Pa.	January 24
Pump, endless chain	-	John A. Pitts	Winthrop, Me.	April 28
Pump, air	-	Timothy Claxton	Livermore, Me.	June 7
Pump, gauge	-	James D. Woodside	Boston, Mass.	July 14
Pump, forcing	-	James D. Egbert	Washington, D. C.	September 22
Pump, common suction	-	Elijah Whitten	Lansing, N. Y.	October 2
Pump, forcing	-	Joel Farnam	Groton, Mass.	October 23
Valves, construction of, on the principle of a balance	-	Hiram Straut	Stillwater, N. Y.	June 25
	-		East Nassau, N. Y.	

LIST OF PATENTS.—WHEEL CARRIAGES.

INVENTIONS OR DISCOVERIES.	NAMES OF PATENTEES.	RESIDENCE.	WHEN ISSUED.
Axles, breaking, consequences prevented in railroad cars	Joseph S. Kite	Philadelphia, Pa.	1834.
Axles, and boxes for carriages and railroad cars	Dexter C. Force and Frederick Davis	Baltimore, Md.	July 14
Axles, and boxes for carriages, (patented Nov. 6, 1834, re-issued.)	Frederick Davis	Baltimore, Md.	November 6
Box, retaining	Henry Barton	Baltimore, Md.	November 24
Braces, thorough	Frederick Davis	Baltimore, Md.	July 23
Carriage, safety, extricating horses	O. R. Broyles	Baltimore, Md.	November 6
Carriage wheels, for preventing horses from running away.	Russell Jarvis	Anderson C. H., S. C.	March 17
Carryall	Frederick Shelton	Boston, Mass.	March 29
Hubs, boring and mortising hubs of wheels	Robert McCarty	Jackson, N. C.	December 2
Hubs, boring out the inside and the boxes for linch cups	John R. Morrison	Martinsburg, N. Y.	March 31
		Springfield, Ohio	May 13

INVENTIONS OR DISCOVERIES.	NAMES OF PATENTEES.	RESIDENCE.	WHEN ISSUED.
Sleigh shoes, cast iron double grooved, and mitre locks	Lot Brees and Ezra Brees	Luzerne county, Pa.	1834.
Sleigh runners, cast iron	Nathaniel Benedict, Jun. Abel Benedict and Asa- bel A. Hotchkiss	-	February 10
Sleigh, traverse	Bela Markham	Sharon, Conn.	February 10
Spokes of wheels, machine for cutting tenons on	John Lenher	Burlington, Vt.	July 10
Truck, double cylinder, for raising stone, &c.	Simon Erieze	Cocalico township, Pa.	July 28
Wagon, or any other wheeled vehicle	Elisha Brown	Waterloo, Md.	August 23
Wagon, or any other wheeled vehicle, manufacturing	Reuben Rich	Stockbridge, Mass.	January 23
Wheels, for carriages	Henry Beebe	Albion, N. Y.	July 22
Wheels for cars and carriages, chilling	Phineas Davis	Haverstraw, N. Y.	March 12
Wheels, spring, for carriages	Barney Ruggles	Baltimore, Md.	July 29
		Warsaw, N. Y.	September 8.

LIST OF PATENTS.—ARMS.

INVENTIONS OR DISCOVERIES.	NAMES OF PATENTEES.	RESIDENCE.	WHEN ISSUED.
Cannon, rotary cylinder	John W. Cochran	Lowell, Mass.	1834.
Gun barrels, manufacturing plates for	Harvey Mills	Springfield, Mass.	October 23
Lock, percussion cannon	Enoch Hidden	New York	July 12
Lock, gun	J. B. Gray	Fredericksburg, Va.	August 20
Percussion powder, for discharging arms	Samuel Guthrie	Sackett's Harbor, N. Y.	October 7
			August 21

LIST OF PATENTS.—SCREW AND LEVER POWER.

INVENTIONS OR DISCOVERIES.	NAMES OF PATENTEES.	RESIDENCE.	WHEN ISSUED.
Balance, platform	-	-	1834.
Balance, eagle	-	-	July 14
Cotton and hay press	Samuel L. Hay	Boston, Mass.	-
Crane	Henry Jencks and "	-	-
Cheese press	Robert Triplett	Killingly, Conn.	November 24
Inking machine, self, for a hand printing press	Hezekiah Bradford	Davis county, Kan.	May 19
Ink, coloring matter, mordant, or other liquids, supplying	Elijah Barnes	New York	July 8
or steeping, &c.	William J. Spence	North Brookfield, Mass.	September 5
Lever power	James Rennie	New York	April 30
Lever power, accumulating	Tyler W. Lafetra	Lodi, N. J.	June 9
Lever engine, or combination of levers	J. Cochran	New York	January 23
Lever, rotary engine	Caleb Tomkins	South Hadley, Mass.	March 26
Press	Caleb Tomkins	Montgomery, Ala.	November 14
Press, triple roller	Jesse Cramton	Montgomery, Ala.	November 14
Press, cheese	Robert Bradley	New York	February 18
Press tub, for pressing oleaginous seeds, &c.	Sylvester Kibbe	Natchez, Miss.	June 4
Press, cotton	Francis Follet	Schoharie, N. Y.	July 18
Press, centripetal power	Thomas H. Scarborough	Petersburg, Va.	August 14
Press, cotton, hay, &c.	Eliphalet S. Scripture	Brownsville, Ten.	October 16
Printing press, (date of patent, Nov. 15, 1895.)	Isaac Robinson, assignee of	Cazenova, N. Y.	September 26
Printing machine	Samuel T. Baker	Portland, Me.	December 17
Printing press	Daniel Neall	Philadelphia, Penn.	February 13
Printing with two or more colors at one impression	Charles F. Voorhies	Newark, N. J.	April 8
Printing press	William R. Collier	Washington, D. C.	April 11
Printing press	James Rennie	Lodi, N. J.	August 9
Printing press	Otis Tufts	Boston, Mass.	August 29
Weighing heavy bodies, (patented June 13, 1831.)	Erastus Fairbanks and	Philadelphia, Penn.	November 19
Weighing heavy bodies, (patented February 21, 1832.)	Thaddeus Fairbanks	-	-
	Do.	St. Johnsbury, Vt.	March 6
	-	St. Johnsbury, Vt.	March 6.

LIST OF PATENTS.—MILLS.

INVENTIONS OR DISCOVERIES.	NAMES OF PATENTEES.	RESIDENCE.	WHEN ISSUED.
Bags of flour, grain, &c. raising for shouldering Bark, grinding, cracking corn, &c. Bolting cloths, securing to the reel Buckets for water wheels Dogs, cast iron saw mill Dogs, saw mill Frame work of mills Friction rollers, for machinery Grain, grinding or cracking corn, by hand or horse power Grain, mill for grinding Grain grinder, conical	John Kinman	Mifflinsburg, Penn. Amsterdam, N. Y. Hagerstown, Md. Philadelphia, Penn. Ithaca, N. Y. Hector, N. Y. Sussex county, Va. Norfolk, Va. New York Providence, R. I. New York East Bloomfield, N. Y. Northumberland co., Pa. Hallowell, Maine New York Philadelphia, Penn. Geneva, N. Y. Elbridge, N. Y. Whitemarsh town, Pa. Fort Covington, N. Y. Winthrop, Maine Livermore, Maine Middlesex, N. Y. Westville, N. Y. Hampton, Maine Bridgetown, N. J.	1834. March 16 April 30 March 19 March 20 March 6 December 2 June 14 September 9 March 10 August 19 October 30 January 10 May 9 June 6 March 10 March 19 March 13 May 31 June 25 July 12 August 15 August 15 August 26 September 18 September 23 October 4
	Milo J. Whitton		
	George M. Elliott		
	William M. Eldridge		
	Martin Rich		
	Phineas Bennet		
	William S. Parham		
	Isaac Clowes		
	Benjamin Hinkley		
	Joseph Grant		
Grinding corn in the ear, and other grain Grist and flour mills Grist mill Hoisting machine Hoisting machine Horse power machine Horse power machine Horse power, portable Horse power machine Horse power, chain band for Horse power Horse power Horse power Horse power, inclined plane	Daniel Fitzgerald and		
	John Fitzgerald		
	Thomas Briggs		
	Isaac Straub		
	Samuel M. Handy, John		
	Albee, and E. B. Cutts		
	John Drummond		
	David Evans		
	Jehial F. Axtell		
	John Martineau, admin'r of		
Horse power, portable Horse power machine Horse power, chain band for Horse power Horse power Horse power Horse power, inclined plane	Joel Eastman		
	William Burk		
	Eliakim Briggs		
	John A. Pitts		
	and Hiram A. Pitts		
	Joseph B. Streeter		
	Sewell Gleason		
	Sylvanus Leonard		
	William G. Johnston		

Horse power, portable	-	Smith Gardner	-	Rochester, N. Y.	November 25
Horse power	-	William Emmons	-	New York	December 24
Propelling machinery, alternate motion machine for	-	Benjamin Elliot	-	Danby, N. Y.	October 4
Saw mills, propelling	-	Stephen R. Morrison	-	Kinzua, Pa.	February 11
Saw mills -	-	Asa Ransom	-	Clarence, N. Y.	June 26
Saw mills, circular	-	Thomas Blanchard	-	New York	August 8
Saw mills, circular	-	John Penman	-	Charlotte, N. C.	September 9
Saw strap	-	Othniel Stone	-	Pittsford, N. Y.	October 6
Shoe, mill-can	-	James Dennis	-	Providence, R. I.	September 8
Spindle and bush for a grist mill,	-	Jesse Barber	-	Phelps, N. Y.	February 28
Spindle, reducing friction	-	Frederick Fredley	-	Logan township, Pa.	March 10
Spindle, bush	-	Samuel Merchant	-	Ohio county, Va.	July 22
Stones facing to admit air to cool the flour	-	Robert C. Stephens	-	Hackettstown, N. J.	February 18
Stones, dressing mill	-	Isaac W. Elmore	-	Lyons, N. Y.	September 25
Sawing timber, concave, convex	-	Aaron Bard and Simeon Heywood	-	Lunenburg, Mass.	July 8
Water wheel	-	Elisha Bushnell	-	Sodus, N. Y.	January 30
Water wheel, collective power	-	Isaac Harrison	-	Middletown, Va.	January 31
Water wheel, horizontal curb, cast iron	-	James Pilling	-	Waterford, N. Y.	February 3
Water wheel	-	William Shepard	-	Gibson township, Pa.	February 12
Water wheel, construction of, and driving	-	David H. Gilbert	-	Dorchester, Mass.	February 28
Water wheel, double power reaction	-	William M. Eldridge	-	Philadelphia, Pa.	March 20
Water wheel	-	Benjamin Dugdale	-	Trenton, N. J.	May 15
Water wheel, for saw and grist mills	-	Henry Averil	-	Richland, N. Y.	June 18
Water wheel, reaction	-	John L. St. John	-	Canajoharie, N. Y.	September 16
Water wheel, to propel machinery	-	Garet G. Heermance	-	Coxsackie, N. Y.	September 30
Water shoot and driving wheel	-	Lewis Waterbury and Talmage Waterbury	-	Malta, N. Y.	April 12
Water, raising and conveying, for propelling machinery,	-	David G. Colburn	-	Cayuga co. N. Y.	May 12
Water power	-	Ebenezer Bassford	-	Jay, Maine	July 10
Wheel, weather cock,	-	Nathan T. Davis	-	Wilmington, Vt.	January 9
Wheel, mill or machine, and applying water, wind, or steam thereto	-	Luther Copley	-	New Lebanon, N. Y.	May 15.

LIST OF PATENTS.—CHEMICAL COMPOSITIONS.

INVENTIONS OR DISCOVERIES.	NAMES OF PATENTERS.	RESIDENCE.	WHEN ISSUED.
Alcohol, carbonated, substitute for lamp oil	-	-	1834.
Caoutchouc, covering ropes with	-	-	March 17
Cautehouch, covering ropes with (patented October 16, 1834, reissued)	Samuel Casey, Patrick Mackie	Lebanon, Maine New York	October 16
Cement, compound resinous, for roofs, &c.	-	-	December 3
Cigars, self-igniting	Patrick Mackie	New York	August 1
Dentifrice, vegetable	Daniel A. Balcom	Northampton. Pa.	April 16
Drying with alkaline prussiates, manufacturing potash, &c.	John Marek	New York	March 1
Galvanic fluid applied to cure diseases	Elijah H. Reid	Clarksville, Ga.	April 23
Gasometer	Felix Fossard	Philadelphia, Pa.	January 27
Gold cleaner,	Daniel Harrington	Philadelphia, Pa.	October 7
Gold, machine for separating from soil, &c.	James Bogardus	New York	April 7
Hides, handling in the vats	James Bogardus	New York	August 21
Hides, softening	John Dobson	Burke co., N. C.	January 9
Hides, breaking, fleshing, and hairing	Samuel Stem and Daniel Wierman	Mechanistown, Md.	March 18
Hides, breaking and working scouring leather	Isaac Robinson	Baltimore, Md.	May 13
Isinglass, or ichthyocolle	Johnson Dunaway	Woodville, Va.	May 24
Magnesia, medicated liquid	Josiah Bonney	Cornwall, Conn.	January 21
Oil, coloring lamp	William Norwood, John Burns, Jabez Rowe, and Josiah Haskell	Groicester, Mass.	June 25
Pitch, mixing certain matters for	Richard Jordan and M. Anderson	-	March 4
Potash, manufact'g, and leaching ashes, (pat'd July 30, 1831)	Ezra Bourne,	Philadelphia, Pa.	December 2
Powder and other substances, by applying hydrogen gas and platina	Henry Ruggles	New York	January 23
Preserving wood from decay, &c.	Ephraim Farce	Pitcher, N. Y.	April 28
Sheep skins, softening and removing the fleece therefrom	Alexander Jones	Mobile, Alabama	October 8
Shingles, composition for preserving.	Forrest Shepherd	Fredericksburg, Va.	May 1
	Jonathan Mann	Amebury, Mass.	January 16
	Foster Henshaw	Brookfield, Mass.	

Silver, new American	-	John H. Hagenmacker	Philadelphia, Penn.	February 11
Tallow, or stahrein composition	-	Carl G. Ritter	Cincinnati, Ohio	February 18
Tanning or manufacturing leather	-	Walter Russell	Ashburham, Mass.	January 23
Tanning or manufacturing leather	-	George Burr	Watertown, N. Y.	February 6
Tanning, improvement on Dawe's mode	-	Mark W. Jenkins	Baltimore, Maryland	March 10
Tanning hides and skins by compression rollers, &c.	-	Edward S. Bell and Daniel Bell	Smithfield, Virginia	July 28
Tanning, construction of vats, &c.	-	James R. Deniston	Connorsville, Indiana	August 1
Tanning leather	-	Lemuel C. Dudley and Samuel Brooks	Portland, Maine	October 23.

LIST OF PATENTS.—FINE ARTS.

INVENTIONS OR DISCOVERIES.	NAMES OF PATENTEES.	RESIDENCE.	WHEN ISSUED.
Checks, preventing forgeries	-	-	1824.
Drawings, machine for making perspective	Joha D. Pope	Baltimore, Maryland	March 8
Sounds, conveying, called acoustic drum	Richard Lyons	New Rumley, Ohio	June 14
	Samuel Sawyer	Boston, Mass.	October 24.

LIST OF PATENTS.—HOROLOGY.

INVENTIONS OR DISCOVERIES.	NAMES OF PATENTEES.	RESIDENCE.	WHEN ISSUED.
Alarm, self-acting clock	-	-	1834.
Clocks and time-pieces	Otis N. Angell	Johnston, R. I.	June 20
Pendulum, balance	Hiram Twiss	Meriden, Conn.	May 13
Sun-dials of cast iron	Heman McCluer	Meriden, Conn.	May 13
		Hamburg, N. Y.	September 17.

LIST OF PATENTS—MATHEMATICAL INSTRUMENTS.

INVENTIONS OR DISCOVERIES.	NAMES OF PATENTEES.	RESIDENCE.	WHEN ISSUED.
Adding machine	-	-	1834.
Compass, surveying, (patented January 17, 1832)	-	-	June 6
Files for papers	-	-	January 11
	Daniel Kohler	Sunbury, Penn.	April 22.
	William J. Young	Philadelphia, Penn.	
	Samuel Angell	Providence, R. I.	

LIST OF PATENTS.—SURGERY.

INVENTIONS OR DISCOVERIES.	NAMES OF PATENTEES.	RESIDENCE.	WHEN ISSUED.
Milk, drawing from the breast of women, a machine, called a pneumatic pump	-	-	1834.
Pump, stomach and breast, and cupping instrument, (pat'd July 22, 1833)	-	-	June 19
Scarificator, improved	-	-	December 23
Stone in the bladder, instrument for crumbling	-	-	August 26
Truss	-	-	August 19
Truss, or surgical apparatus for the relief and cure of pro-	-	-	April 6
cidentitis and prolapsus uteri, &c.	-	-	May 7
Truss, for cure of hernia, &c.	-	-	August 4
Truss, for cure of hernia, &c.	-	-	October 31.
	James P. Stabler	Sandy Spring, Md.	
	Lemuel B. White	New York	
	George Tiemann	New York	
	James Lee Hannah	New York	
	Thomas Stazner	Madison county, Ky.	
	Amos G. Hull	New York	
	Thomas Lawrence	Winchester, Ky.	
	John L. Price	Nicholasville, Ky.	

[Doc. No. 55.]

SUMMARY of the foregoing list, exhibiting the number of patents sent to each State, &c.

STATE.						NUMBER.
Maine	-	-	-	-	-	43
New Hampshire	-	-	-	-	-	13
Massachusetts	-	-	-	-	-	91
Rhode Island	-	-	-	-	-	15
Connecticut	-	-	-	-	-	43
Vermont	-	-	-	-	-	19
New York	-	-	-	-	-	163
New Jersey	-	-	-	-	-	10
Pennsylvania	-	-	-	-	-	88
Delaware	-	-	-	-	-	9
Maryland	-	-	-	-	-	34
Virginia	-	-	-	-	-	29
North Carolina	-	-	-	-	-	7
South Carolina	-	-	-	-	-	4
Georgia	-	-	-	-	-	2
Tennessee	-	-	-	-	-	6
Kentucky	-	-	-	-	-	13
Ohio	-	-	-	-	-	25
Louisiana	-	-	-	-	-	0
Indiana	-	-	-	-	-	8
Mississippi	-	-	-	-	-	3
Illinois	-	-	-	-	-	0
Alabama	-	-	-	-	-	3
Missouri	-	-	-	-	-	1
Arkansas	-	-	-	-	-	0
Florida	-	-	-	-	-	0
Michigan	-	-	-	-	-	1
District of Columbia	-	-	-	-	-	3
Great Britain	-	-	-	-	-	3
Total number,						530

[Doc. No. 55.]

ABSTRACT exhibiting the number of patents of each class.

CLASS.						NUMBER.
Agriculture	-	-	-	-	-	89
Factory machinery	-	-	-	-	-	111
Common trades	-	-	-	-	-	115
Land works	-	-	-	-	-	15
Navigation	-	-	-	-	-	31
Caloric and steam apparatus	-	-	-	-	-	92
Hydraulics	-	-	-	-	-	20
Wheal carriages	-	-	-	-	-	20
Arms	-	-	-	-	-	5
Lever and screw power	-	-	-	-	-	26
Mills	-	-	-	-	-	55
Chemical compositions	-	-	-	-	-	32
Fine arts	-	-	-	-	-	3
Horology	-	-	-	-	-	4
Mathematical instruments	-	-	-	-	-	8
Surgery	-	-	-	-	-	8
Total number						630

I hereby certify that the foregoing is a correct list of the names of persons who have invented any new or useful art or machine, manufacture, or composition of matter, or any improvement thereon, and to whom patents have been issued for the same, from this office, from the 1st of January, 1834, to the 1st of January, 1835, prepared and classified in pursuance of the resolutions of the House of Representatives of the United States, dated the 13th of January, 1812, and the 2d of April, 1830.

JOHN D. CRAIG.

PATENT OFFICE, January 1, 1835.

PATENTS FOR USEFUL INVENTIONS EXPIRED.

LETTER

FROM

THE SECRETARY OF STATE,

TRANSMITTING

A List of Patents for useful Inventions which have expired.

JANUARY 5, 1835.

Read, and laid upon the table.

DEPARTMENT OF STATE,
January 2, 1835.

SIR: In compliance with the "Act concerning patents for useful inventions," approved July 3, 1832, I have the honor to report a list of all the patents for discoveries, inventions, and improvements, which have expired within the year 1834, with the names of the patentees alphabetically arranged.

I have the honor to be, sir,
Your obedient servant,
JOHN FORSYTH.

The Hon. the SPEAKER
of the House of Representatives.

AM. PHOTO-LITHOGRAPHIC CO. N.Y. (OSBORNE'S PROCESS)

NAMES OF PATENTEES.	RESIDENCE.	INVENTION, DISCOVERY, OR IMPROVEMENT.	DATE OF PATENT
Allen, Henry	Payette county, Tenn.	Tide mills	1820.
Blanchard, Thomas	Millbury, Mass.	Engine for cutting irregular forms	December 30
Bragg, John	Montreal, Upper Canada	Bridges	January 20
Buflum, A., & J. Kelly	Smithfield, R. I.	Elastic water proof hats	January 4
Brewster, Abel	Hartford, Conn.	Ship building	February 17
Brownson, Heman	Kent, Conn.	Wind power pump	March 6
Bryant, Ebenezer	New London, Conn.	Alarm fire engine	March 8
Bruce, George	New York	Making shaded letters	March 28
Byram, John, & S. D. Fuller	Mendham Tp., N. J.	Napping and brushing cloth	April 4
Bailey, Asael	Havre de Grace, Md.	Catching fish, by floating wharves	April 4
Brookfield, William	Detroit, Michigan	Mode of diving	June 24
Berrion, Richard, and Fr. Class	New York	Circular open stove or fire-place	July 17
Ballthorpe, John	Loudoun county, Va.	Double shovel plough	August 31
Bald, William, Jr.	Providence, R. I.	Spinning cotton yarn	September 30
Beauchamp, David	Elizabethtown, Va.	Chain water wheel	October 4
Burtus, William	New York	Baking and burning pans	October 10
Blake, Edward	Hartford, Maine	Bee hive	November 7
Brown, Josiah	New London, N. H.	Winnowing machine	November 16
Burr, James	Johnstown, N. Y.	Machine for finishing leather	November 21
Barstow, Charles C.	Exeter, N. H.	Making ramrods	November 21
Bond, Thomas J.	Baltimore, Md.	Iron steamboats	November 21
Craun, Eleazer	Springfield, Vt.	Making ropes	December 21
Cooper, Peter	New York	Machine for towing boats	January 10
Cooper, Peter	New York	Rotary from alternate motion	January 24
Colville, Alexander A.	Little River, Maine	Gun locks	April 6
Copley, William B.	Whitestown, Mass.	Elliptical cog-wheels	April 28
Curtis, Elijah S.	Charlestown, Mass.	Whitewash brush	May 9
Côté, Daniel	New York	Family pills	June 2
Conn, Jas., & Benj. Hyde	Hartford, N. Y.	Propelling vessels	June 17
			July 11

Cunningham, R. P.	Pomfret, Conn.	Spiral helm wheel	August 3
Cox, Benjamin	Hadley, Mass.	Washing machine	August 15
Cluley, John, and Benjamin Stancille	Philadelphia, Pa.	Valve cock	November 8
Dyater, Joseph J.	New York	Water-wheels for propelling boats	February 9
Duplat, Mark M.	Charleston, S. C.	Privies	March 16
Doyle, Henry and Jacob G.	New York	Locks	April 4
Dakin, Edmund O.	Fredonia, Indiana	Machine for drawing water, &c.	May 12
Dakin, Thomas	Harper's Ferry, Va.	Machine for draw grinding gun barrels	July 28
Denenle, James	Dumfries, Va.	Mapping instrument	August 3
Durkee, Harvey, assignee of J. Chittenden	Burlington, Vt.	Locks and catches, &c.	August 13
Dixes, George P.	Albemarle county, Va.	Substituting oil of cotton seed for linseed oil	December 16
Dow, Lorenzo	Hebron, Conn.	Family medicine	November 24
Edwards, John	New York	Viols and other instruments	February 17
Eastman, R., and J. Jaquith	Brunswick, Mass.	Making clappboards	March 16
Evans, David	Alexandria, Va.	Napping hats	October 2
Edmondston, Samuel S.	New York	Machine for sweeping chimneys	November 8
Etienne, Pierre	New York	Wind mill	November 14
French, D., and P. Bliss	Hamilton, Ohio	Gearing to propel boats	January 23
Fraser, Simon	Nottingham, Md.	Tobacco press	March 23
Fry, Henry	Harrisburg, New York	Making sugar	April 6
Fiak, Daniel	Springfield, New York	Lever hydraulic machine	July 18
Fowler, Matthy	New Haven, Conn.	Machine for hulling grain, &c.	July 28
French, Richard	Morrisville, Pa.	Machine for cleaning rice	October 13
Fiske, Jonathan	Medway, Mass.	Double speeder, No. 1	December 7
Fiske, Jonathan	Medway, Mass.	Double speeder, No. 2	December 7
Fiske, Jonathan	Medway, Mass.	Double speeder, No. 3	December 8
Fiske, Jonathan	Medway, Mass.	Double speeder, No. 4	December 8
Fiske, Jonathan	Medway, Mass.	Double speeder, No. 5	December 8
Fisher, Jacob	Kennebec, Maine	Double speeder, improvements combined	December 8
Guthrie, Rufus	Brimfield, Mass.	Sleigh	December 30
Griiffiths, Elijah	Philadelphia, Pa.	Improvement on W. Jones's corn sheller	January 18
Gibbs, George	New York	Fireplace	March 6
Gillet, Send, administrator of S. Gillet	Windsor, Conn.	Plough	March 8
Giraud, John J.	Baltimore, Md.	Double forcing pump	April 6
		Stoves, stills, and boilers	April 19

LIST—Continued.

NAMES OF PATENTEES.	RESIDENCE.	INVENTION, DISCOVERY, OR IMPROVEMENT.	DATE OF PATENT.
Giraud, John J.	Baltimore, Md.	Propelling boats	1890.
Gray, Levi	Springfield, New York	Suction pump	April 19
Goodell, Ezra	Phelps, New York	Thrashing machine	May 9
Graham, John	Williamsburg, S. C.	Cotton press	June 6
Gillaspie, James	Middletown, Md.	Smut machine	June 17
Gates, N., and A. Maxwell	Delhi, New York	Tule wheel	August 23
Gilmour, William	Smithfield, R. I.	Power loom	September 13
Graves, Robert	Boston, Mass.	Laying readies up in cordage	October 28
Graves, Robert	Boston, Mass.	Equalizing the strain on yarns	November 22
Graves, Robert	Boston, Mass.	Laying cordage	November 22
Giraud, John J.	Baltimore, Md.	Propelling vessels	November 23
Holmes, William	Winchester, N. H.	Auger for boring gun barrels	April 4
Hackley, Harvey	Herkimer, New York	Brewing by steam	April 21
Howard, E., and J. Butters	Boston, Mass.	Machine for splitting leather	May 3
Howard, Samuel	Savannah, Georgia	Towing and warping boats	May 24
Hatch, John	Baltimore, Md.	Making watch chains	June 5
Hale, Elisha	Baltimore, Md.	Water wheel	June 5
Haight, John and Nicholas	New York	Ingrained carpeting	July 5
Henry, James	Maysville, Ken.	Longimeter, for finding longitude	August 12
Henry, James	Maysville, Ken.	Clocks and watches	September 13
Hubbart, Ebenezer	Baltimore, Md.	Cock for drawing fluids	September 13
Hunt, Ralph	Ontario county, N. Y.	Dovelling coopers' heading	October 4
Hardy, Samuel and Enoch	Kennebec, Maine	Spinning tobacco	December 11
Ives, Sluaylor	Chillicothe, Ohio	Candle wick machine	December 30
Jenkins, John W.	Hudson, New York	Constructing ploughs	May 17
Kendall, Jonas	Lincoln, Mass.	Preparing oxymuriate of lime	July 6
Keyes, Israel	Putney, Vt.	Cooking stove	January 28
Keplinger, Samuel	Baltimore, Md.	Making watch chains	February 23
Kenney, Robert	Augusta county, Va.	Propelling boats	May 4
Krauser, Daniel	Reading, Penn.	Softening hides	June 17
			August 18

LIST—Continued.

NAME OF PATENTEER.	RESIDENCE.	INVENTION, DISCOVERY, OR IMPROVEMENT.	DATE OF PATENT
Sellers, Nathan, administrator of David Sellers	Philadelphia, Pa.	Wire screens for rice, &c.	1890.
Shattuck, Asa	Peppercill, Mass.	Threshing machine	August 16
Stevens, R. L. and E. A.	Hoboken, N. J.	Plough	August 23
Sears, Nathan	Hudson, N. Y.	Machine for breaking bark, &c.	September 20
Seaver, J., and J. Fay	Rockingham, Vt.	Cast iron plough	October 31
Sabin, A. N.	Frankfort, Ky.	New application of steam power	December 14
Treadwell, Ephraim	Philadelphia, Penn.	Bread finisher	December 39
Town, Ithiel	Fayetteville, N. C.	Bridges	January 10
Tomlinson, Daniel	Brookfield, Conn.	Currying knife	January 98
Tilford, John M.	Rutherford county, Ten.	Vertical horse wheel	July 6
Thwing, Lemuel	Dedham, Mass.	Passing boats up and down rapids	August 7
Van Vechten, D. K.	New York	Ornamental binding	August 12
Williams, Charles	Richmond, Va.	Railways and carriages	December 19
White, Carvass	Whitestown, N. Y.	Water proof cement	January 18
Williams, John	Cambridge, Mass.	Spruce beer	February 1
Wadsworth, William	Hartford, Conn.	Fire engine	February 17
Williamson, Per.	Baltimore, Md.	Coffee roaster	March 16
Wilcox, Richard	Bristol, England	Distilling boilers, &c.	March 20
Wilcox, Richard	Bristol, England	Rotary oven	April 20
Winslow, Nathan	Portland, Maine	Cooking stove	May 3
Woolworth, Azariah	Waterbury, Conn.	Machine for turning gun-stocks, &c.	June 15
Wright, John S.	Greenwich, N. Y.	Plough	July 28
Wright, Dancan	Medway, Mass.	Drying cloth by steam rollers	August 31
Wadsworth, Eli	Hartford, Conn.	Weighing machine	September 7
Wood, Chas., & G. Brundage	Blooming Grove, N. Y.	Plough	November 9
Walker, Elihu	Aurora, N. Y.	Making saddles	November 16

I hereby certify, that the foregoing is a correct list of all the patents for inventions, discoveries, and improvements which have expired within the year 1834, furnished agreeably to an act of Congress, approved July 3d, 1839.

JOHN D. CRAIG, *Superintendent.*

PATENTS EXPIRED WITHIN THE YEAR 1835.

LETTER

FROM

THE SECRETARY OF STATE,

TRANSMITTING

*A list of all the patents for discoveries, inventions, and improvements,
which have expired within the year 1835, &c.*

JANUARY 14, 1836.

Read, and laid upon the table.

DEPARTMENT OF STATE,
January 13, 1836.

SIR: In compliance with the "Act concerning patents for useful inventions," approved July 3, 1832, I have the honor to report a list of all the patents for discoveries, inventions, and improvements, which have expired within the year 1835, and the names of the patentees alphabetically arranged.

I have the honor to be, sir,
Your most obedient servant,
JOHN FORSYTH.

The Hon. the SPEAKER
Of the House of Representatives.

LIST of Patents which have expired in the year 1835.

Names of patentees.	Residence.	Inventions, discoveries, or improvements.	Date of patents.
Aborn, John	Nottingham, N. J.	Dipping candles	1821. March 20
Altoffer, John, and William Bushnell	Harrisonburg, Va.	Raising water by weight	August 30
Brown, John	Providence, R. I.	Machine for roping and spinning wool, and by hand	January 23
Blake, Thatcher	Turner, Me.	Lever press	February 20
Bulkley, Ralph	New York, N. Y.	Fire shield	March 29
Blanc, jr., Evarestes, and E. H. B. Latrobe	New Orleans, La.	Machine for sifting lime	April 14
Blackie, Robert	New York, N. Y.	Distilling spirits	April 27
Belknap, Seth	Newburg, New York	Machine for making bricks	May 17
Boyd, James	Boston, Mass.	Manufacturing fire-engine hose	May 30
Bliss, Jonathan	Philadelphia, Penn	Blocktin faucet	June 4
Bryan, Thos. and William	New York, N. Y.	Staining and printing silks	June 29
Bulkley, Ralph	Do.	Oblique water wheel	August 7
Bruff, John	Providence, R. I.	Vertical spinner	August 11
Bulkley, Ralph	Somerset county, Md.	Improvement in the saw-mill	August 16
Bushnell, William, and J. Altoffer	New York, N. Y.	Improvement in drydocks	August 28
Bliss, Jonathan	Harrisonburg, Va.	Machine for spinning wool	August 30
Burritt, Joshua, and Wm. P. Burdick	New York, N. Y.	Making cocks for liquor	September 24
Barron, James	Do.	Right and left chain wheel	October 8
Ballow, Seth	Ithaca, N. Y.	Making time-pieces	October 25
	Nonfolk, Virginia	Washing machine	December 7
	Livermore, Maine	Improvement in the thrashing machine	December 12

Baker, Stephen	New York, N. Y.	Improvement in steam boilers	December 13
Converse, Elisha	Dayton, Ohio	Machine for cutting dye woods	January 10
Chandler, Nathan, and Ezra Brown	Cazanovia, N. Y.	Harness for weaving	January 26
Cary, Zachary	Oxford county, Maine	Machine for shearing cloth	February 20
Cutler, David	Butler township, Ohio	Improvement in disilling	February 20
Cock, Andrew	Flushing, N. Y.	Planting Indian corn	March 20
Cofman, Josiah	Philadelphia, Penn.	Manufacturing duck	July 9
Cooke, Stephen	Marcellus, N. Y.	Smutting and hulling machine	August 7
Cummings, Ben.	Brooklyn, N. Y.	Improvement in the thrashing machine	September 7
Crey, Frederick	Baltimore, Md.	Improvement in chimneys	October 8
Cook, John	Fayetteville, N. C.	Machine for packing cotton	October 12
Covenhover, Ed.	Greenburg, N. Y.	Floating drydocks	October 30
Cantile, William James	New York, N. Y.	Improvement in corsets	December 31
Doxey, Biscoe S.	Baltimore, Md.	Machine for moving vessels	February 9
Davis, Phineas	York, Penn.	Vibrating steam engine	February 17
Deaves, Isaac	Philadelphia, Penn.	Cast iron mantel pieces	February 21
Delano, Obadiah	Utica, N. Y.	Chimney and fire place	March 3
Dawson, Nelson C., and Ambrose Rucker	Amherst county, Va.	Tobacco boats	April 3
Donoghoe, Daniel	New York, N. Y.	Fanning mill	April 16
Dixon, Peter	Philadelphia, Penn.	Riding saddle	April 25
Douglass, John	New York, N. Y.	Liquor fount for taverns	June 25
Dukes, James	Do.	Improvement in lamps	August 15
Deltrehan, Nicholas N.	German county, La.	Raising water	December 13
Dance, Aaron	Boston, Mass.	Water proof boots, &c.	December 31
Deam, William	Pleasant Valley, N. Y.	Improvement in time-pieces	December 31
Eversol, Jacob	Botetourt county, Va.	Tilt hammer	May 3
Eveleth, John	Georgetown, D. C.	Mud machine	August 9
Foster, Aaron	Whitestown, N. Y.	Teaseling and knapping cloth	August 24
Fisher, Henry F.	Philadelphia, Pa.	Distilling apparatus	September 12

Names of patentees.	Residence.	Inventions, discoveries, or improvements.	Date of patents.
Falconer, William	New York, N. Y.	Cast iron plough	1821.
Fuller, Francis	Do.	Machine for making candles	September 13
Fors. John M.	Baltimore, Md.	Razor straps	September 29
Finney, Bethuel	Readsborough, Vt.	Rocking sofa and chair	October 2
Giraud, John James	Baltimore, Md.	Propelling vessels	November 22
Graves, Robert	Boston, Mass.	Laying cordage	January 3
Giraud, John James	Baltimore, Md.	Horizontal pedal water wheel	February 1
Gould, William	McIntosh county, Ga.	Foot gin for cotton	February 5
Graves, Robert	Boston, Mass.	Top sled for making cordage	February 20
Gullup, William	Norwalk, Ohio	Wind and water wheel	March 28
Gregg, James	Londonderry, N. H.	Improvement in the thrashing machine	March 29
Grant, Joseph	Providence, R. I.	Machine for setting or putting up hats	March 30
Goddard, Charles	New York, N. Y.	Improvement on Barker's mill	August 11
Graham Charles M.	Do.	Improvement in fire grates	September 27
Hart, Simson	Monkton, Vt.	Cutting boots, &c. by rule	November 10
Hunt, 2d, Russell	Litchfield, Ct.	Tiring carriage wheels	March 3
Hance, Thomas C.	Palmyra, N. Y.	Improvement in the hay rake	March 20
Haskell, Roger	Geneva, N. Y.	Navigable house	June 25
Humes, John	Richmond, Va.	Machine for cutting and digging earth	July 7
Herbin, Peter Francis	Paterson, N. J.	Metallic reeds for weaving	November 10
Hart, Webb	Camden, S. C.	Setting saw teeth	November 15
Howard, Horace	Wayne county, Ohio	Horizontal water wheel	December 7
Hitchcock, David	New York, N. Y.	Cast iron plough	December 26
Jarvis, Deming	Cambridge, Mass.	Opening glassmaker's moulds	December 29
Jennings, Thomas L.	New York, N. Y.	Dry scouring cloths	February 2
			March 3

Jones, Francis	Do.	Machine for winding quills	May 23
Jennings, Isaiah	Do.	Repeating rifle	September 21
Do.	Do.	Chains for cables	October 29
Kallenbach, Baltazar Ignace	Philadelphia, Pa.	Improvement in distilling and in the still	August 6
Laporte, Peter	Louisa county, Va.	Improvement in the check bridle	March 20
Lindsey, Noah	New York, N. Y.	Machine for shelling corn	March 28
Langdon, Barnabas	Troy, N. Y.	Improvement in propelling boats	May 1
Langdon, Reuben	Hartford, Ct.	Packing cotton and other threads	June 20
Moody, Paul	Boston, Mass.	Machine for roping cotton	January 23
Do.	Do.	do.	February 19
Do.	Do.	Double speeder	February 19
Do.	Do.	Spinning frames	April 5
Morgan, James	New York, N. Y.	Warping, dressing, and weaving calico goods	August 8
Moore, John W.	Washington, D. C.	Machine for sweeping chimneys	August 28
Morris, John J.	New York, N. Y.	Making saddles	September 5
Magan, Thomas	Hempstead, N. Y.	Nail cutting machine	September 15
Morrison, Michael	New Haven, Ct.	Thrashing machine	November 13
Mestayer, Benjamin	New York, N. Y.	Machine for cutting ban boxes	December 7
Marshall, Benjamin	Do.	Do. the steam bath	February 1
Newbery, George John	Do.	Bronzing type printing	March 9
Oliver, Benjamin Lyndee,	Salem, Mass.	Antifriction crank	April 18
Oxley, Thomas	Norfolk, Va.	Land clearing machine	January 24
Pomeroy, Elisha N.	New Haven, Ct.	Paste for razor strops	August 14
Peck, Daniel	New York, N. Y.	Improvement in making boots and shoes	August 28
Powers, Enoch	Hartford, Ct.	Mode of preserving ice	October 31
Powles, Daniel	Baltimore, Md.	Improvement in bedsteads	November 16
Pye, William	New York, N. Y.	Andirons for hearths	November 17
Phelps, Oliver	Tompkins county, N. Y.	Elastic floor for boots	November 17
Phelps, Oliver, and G. More-	Do.	do.	November 17
house	Do.	do.	November 17
Roosevelt, Henry, and A. J.	Tompkins county, N. Y.	Improvement in the plough	January 20
	New York, N. Y.	Machine for shelling corn	January 20

Names of patentees.	Residence.	Inventions, discoveries, or improvements.	Date of patents.
Ruggles, Elisha	Rochester, Mass.	Fire-fender	1821.
Robbins, Thomas B.	Stockbridge, Mass.	Aqueduct pipes	February 27
Rust, Samuel	New York, N. Y.	Printing press	March 19
Ring, George P.	Red Hook, N. Y.	Cast-iron plough	May 11
Rose, Robert	Washington, D. C.	Machine for cutting trucks	June 25
Richards, George H.	New London, Ct.	Improvement in carriages	August 6
Reeve, George H., and Jos. Ritchan	Orange county, N. Y.	Churning by dog power	August 8
Richards, James	Paterson, N. J.	Making sail cloth	August 10
Randolph, David M.	Henrico county, Va.	Water cement	August 16
Ruggles, Lazarus	New York, N. Y.	Machine for cleaning rice, &c.	September 26
Rowell, Thomas	Hartford, Ct.	Making trunnels, &c.	October 12
Southworth, Elijah	New York, N. Y.	Hydrometer	December 13
Shepard, Silas, and Cromwell Dean	Taunton, Mass.	Roping machine	February 28
Stansburg, Abraham O.	New York, N. Y.	Spiral lever press	March 23
Sandford, William	Do.	Horse mill	March 24
Stansburg, Abraham O.	Do.	Printing press	April 5
Swart, Adam	Saratoga, N. Y.	Churn	April 7
Stewart, Jared S.	Springfield, N. Y.	Linen spinning-wheel head	April 9
Stephens, Robert L., and Edwin	Bergen county, N. J.	Cast-iron plough	April 19
Do.	Do.	Do. shares	April 23
Stilwell, Stephen	Bainbridge, N. Y.	Water boiler and steam still	April 23
Sanno, Frederick D.	Philadelphia, Pa.	Valve cock for liquids	June 26
			June 29

Smith, George	New York, N. Y.	Anti-dyspeptic pills	August 7
Schureman, William	Catskill, N. Y.	Constructing fire-places	August 8
Sater, Joseph	Huntsville, N. C.	Curing blindness in horses	August 14
Seely, Obadiah	Pottstown, Pa.	Cast-iron plough	August 27
Simonds, Benjamin, jr.	Bedford, Mass.	Stove bottom boiler	October 15
Do.	Do.	Oven door-flue	October 15
Skidmore, Thomas	New York, N. Y.	Boilers for steam-engines	November 30
Do.	Do.	Condensers for steam-engines	December 1
Spencer, Elihu	New Haven, Ct.	Machine for hulling rice	December 5
Tolson, Alexander	Georgetown, D. C.	Machine for pulverizing wood, &c.	December 5
Thayer, jr., Amos	Albany, N. Y.	Steam wheel	June 2
Thorp, John	Providence, R. I.	Braiding machine	August 8
Taber, Benjamin	Fairhaven, Mass.	Machine for mincing whale blubber	August 10
Thompson, George	Philadelphia, Pa.	Nail machine	August 11
Trask, Edward, and John jr.	Oneida county, N. Y.	Improvement in the bark mill	September 15
Thompson, Gabriel H.	Boston, Mass.	Plane sliding sector	November 22
Vail, Daniel	Philadelphia, Pa.	Mode of cleaning furs, wools, &c.	December 4
Vaught, John G.	New York, N. Y.	Anti-dyspeptic medicines	February 20
Wood, John	Richmond county, N. Y.	Shifting plough	December 4
White, Canvass	Whitestown, N. Y.	Water proof cement	February 1
Warren, Josiah	Cincinnati, Ohio	Improvement in lamps	February 17
Ward, Minns	Columbia, S. C.	Steam engine	February 20
Woodward, Joshua	Portage county, Ohio	Carding machine	March 23
Wiltzie, James	Fishkill, N. Y.	Keel and Kelson for seaboard vessels	May 2
Wellford, Robert, and James	Do.	Do.	May 4
H. Deas	Philadelphia, Pa.	Carpenters' plane	May 14
Whittingham, Richard	New York, N. Y.	Improvement in making fire irons	June 8
Ward, Allen	Huntsville, Alabama	Cutting out clothes by rule	June 16
Winans, Ross	Warwick, N. Y.	Fulling cloth by steam	June 26
Woodward, Frederick	Otsego county, N. Y.	Smut machine	August 10
Walley, Thomas	New York, N. Y.	Sliding door locks and bolts	November 2

LIST—Continued.

Names of patentees.	Residence.	Inventions, discoveries, or improvements.	Date of patent.
Winning, William	New York, N. Y.	Reticules and pocket-books	1821. November 7 November 16 November 6 December 11 December 11 December 14 December 29 December 31 December 4
Williams, Charles	Boston, Mass.	Improvement in rail-ways	
Williamson, Peregrine	Baltimore, Md.	Improvement in bedsteads	
Walcott, Erastus	Newport, N. Y.	Manufacturing cotton yarn	
Warren, Edmund	New York, N. Y.	Improvement in the loom	
Wood, James C.	Philadelphia, Pa.	Ornamenting cloth	
Wells, Gurdon and Sophia	Wethersfield, Ct.	Making grass bonnets	
Warrall, Henry	New York, N. Y.	Portable melting pot or cupola	
Yard, Joseph M.	Trenton, N. J.	Moulding and wicking candles	

I hereby certify, that the foregoing is a correct list of all the patents for inventions, discoveries, and improvements, which have expired within the year 1835, furnished agreeably to an act of Congress, approved July 3, 1832.

HENRY L. ELLSWORTH,
Superintendent.

PATENTS FOR NEW INVENTIONS IN 1835.

LETTER

FROM

THE SECRETARY OF STATE,

TRANSMITTING

A list of the names of persons to whom patents have been issued during the year 1835, for any new or useful art, machine, &c. &c.

JANUARY 14, 1836.

Read, and laid upon the table.

DEPARTMENT OF STATE,
Washington, January 13, 1836.

SIR: In compliance with the resolutions of the House of Representatives of the 13th of January, 1812, and the 2d of April, 1830, I have the honor to transmit a list, prepared according to the form heretofore used, of the names of persons who have invented any new or useful art or machine, manufacture, or composition of matter, or any improvement thereon, and to whom patents have been issued for the same from this office, within the year 1835, with the dates and general objects of such patents, and also the residences of the patentees, as far as they could be ascertained; also, a list of the names of the patentees alphabetically arranged.

I have the honor to be, sir,

Your obedient servant,

JOHN FORSYTH.

The Honorable the SPEAKER
of the House of Representatives.

AGRICULTURE

Inventions or discoveries.	Names of patentees.	Residence.	When issued.
Bee hive	Samuel Morrill	Dixfield, Maine	1835.
Bee hive	Orlando Mack	Gilsum, N. H.	January 16
Bee house	William Groves	Harrisburg, Pa.	April 22
Coffee berry, machine for breaking	Isaac Adams	Boston, Mass.	June 12
Coffee berry, machine for breaking outer husks of	Thomas Ditson	Boston, Mass.	January 13
Clover seed huller	Stacy West	Harford county, Md.	January 13
Corn sheller and cleaner	Robert Gray	Northfield, N. H.	January 16
Clover machine	Joseph Ross	Boundbrook, N. J.	January 16
Corn sheller	Jonathan H. Taylor and Aaron J. Cowles	Westfield, N. Y.	February 6
Cotton planter	Michael Bean	Buffalo, N. C.	February 11
Corn sheller	Ephraim Rand and Adna L. Norcross	Hallowell, Maine	February 13
Cotton seed and rice, hulling	Jirah Kellogg	New Hanover co., N. C.	March 30
Cheese, machine for turning and curing	Henry Webber	East Richfield, N. Y.	April 22
Cotton seed and corn grinding machine	James Martin	Petersburg, Va.	May 16
Cotton roller gin	William Whitmore, jr.	West Cambridge, Mass.	May 29
Cider mill, cast iron	Philip Pryer	Genesee county, N. Y.	May 29
Clover and rice machine	Brayley and Walker	Philips, Maine	June 6
Cheese press	David Phelps	Bangor, Maine	June 12
Cotton thinner	Jordan Gatling	Murfreesborough, N. C.	June 19
Cotton planter	Jordan Gatling	Murfreesborough, N. C.	June 20
Corn sheller	Dunbar and Powers	Portland, Maine	June 26

Inventions or discoveries.	Names of patentees.	Residence.	When issued.
Plough for breaking and cultivating sward ground	Guy Gray	Industry, Maine	1835.
Plough	P. Stahl and T. Dffenbasher	Turbut, Pa.	September 18
Plough	William Walker	Washingtonville, Pa.	September 18
Plough	Jarius S. Teft	Amherst, N. Y.	October 6
Plough	Samuel A. Sperry	Ann Arbor Vil. M. T.	October 17
Plough coulters and shares	John W. Jordon	Lexington, Va.	October 27
Plough, inverting hill side and horizontal	Noah Briggs	New Hartford, N. Y.	October 28
Rake, horse	William Scarbrough	Savannah, Ga.	February 11
Rice, cleaning, polishing, and burnishing	James Pudney	Stanford, N. Y.	April 14
Rake, horse	Nimrod Murphree	Nashville, Tenn.	November 7
Straw cutter	Abraham Hurst	Allen township, Pa.	January 21
Smut and garlic machine	Stephen Ustick	Philadelphia, Pa.	January 23
Straw cutter, improved	Thomas J. Sands and Benjamin Kendig		February 5
Straw cutter	John Deakynne	Washington townsh'p, Pa.	March 18
Straw cutter	John W. Cope	Petersburg, Va.	April 2
Straw cutter and corn sheller	William Denson	Franklin county, Tenn.	April 22
Straw cutter	Stephen Ustick	Morgan county, Ala.	May 2
Smut mill	John Card	Philadelphia, Pa.	May 29
Straw cutter, &c.	James McMath	Gainsville, N. Y.	June 20
Straw cutter	Ernst G. Augustin	Crawford, Pa.	June 26
Machine for sowing plaster, lime, &c.	Julius Hatch	New York	July 6
Straw, hay, cabbage, paper, &c. machine	Henry C. Jones	Great Bend, Pa.	August 17
Straw machine	Ashman Hall	Salem township, Ohio	November 7
Smut machine	John Turk	Kent, N. Y.	November 7
		Columbus, Pa.	November 7

Screen, revolving, for cleaning grain, &c.	Edward P. Fitzpatrick	Mount Morris, N. Y.	November 14
Smut machine	Edward P. Fitzpatrick	Mount Morris, N. Y.	November 14
Threshing machine	Luke Hale	Hollis, N. H.	January 7
Threshing machine and grain cleaner	Alexander Porter	New Vineyard, Me.	January 23
Threshing machine	Joseph Ross	Boudbrook, N. J.	February 6
Threshing machine	Thomas D. Burrall	Geneva, N. Y.	March 6
Threshing, hulling, and shelling machine	Jesse S. Dick	Genesee county, N. Y.	March 13
Threshing machine	David G. McCoy	Dublin, Md.	March 20
Threshing machine	William W. Ross	Chillisquette town'p, Pa	March 30
Threshing machine	Luther Carman	Oxford, Maine	April 2
Threshing machine	William G. Johnson	Bridgetown, N. J.	April 3
Threshing machine	Samuel S. Allen	Saratoga Springs, N. Y.	April 3
Threshing machine	Henry Hebuling	Harrison county, Ohio	April 8
Threshing machine	James Whitehill	Frederick county, Md.	April 22
Threshing machine	Sneed and Carpenter	Albemarle county, Va.	May 9
Threshing machine	Washington F. Pagett	White Post, Fred. co., Va.	May 22
Threshing machine	Edmund Warren	New York	May 29
Threshing machine	Henry Johnston	Washington co., Tenn.	May 29
Threshing machine	William Laighton	Portsmouth, N. H.	June 6
Threshing machine, portable grain	H. and J. W. Edgar	Wayne county, Ohio	June 6
Threshing machine	T. Rucker, jr., assignees of P. Cheek	Murfreesborough, M. T.	June 12
Threshing machine clover	John P. Ridings	Hillsborough, Ohio	June 19
Trees, &c. mode of felling	James Hamilton	New York	June 26
Threshing machine	Joseph Tyler	Brooklyn, Ct.	July 7
Threshing and hulling grass seeds	Samuel Gould	New Portland, Maine	August 15
Threshing machine for rice, &c.	William Mathewes	Charleston, S. C.	August 27
Threshing machine, grain, &c.	John Gearhart	Rush township, Pa.	August 27
Threshing machine for clover seed or rice	Moses Davenport	Phillips, Maine	October 6
Threshing machine, chaffing straw	Russel Bradley	Williston, Vt.	October 6
Threshing machine, clover and timothy seed	A. Burgess and H. Baldwin	Washington, Ct.	October 10

LIST OF PATENTS.—AGRICULTURE—Continued.

Inventions or discoveries.	Names of patentees.	Residence.	When issued.
Winnowing mill	Truman B. Brown	Locke township, N. Y.	1835
Winnowing machine	Jeremiah Nicols	Kent county, Md.	March 6
Weevils, destroying, &c.	James A. Lee, administrator of Jas. Lee, deceased	Maysville, Ky.	June 15
			August 17

FACTORY MACHINERY.

Inventions or discoveries.	Names of patentees.	Residence.	When issued.
Auger or bit	Ezra L. Hommedieu	Saybrook, Ct.	1835.
Auger	William Jones	Portsmouth, Va.	February 11
Auger and gtmblets	Orville Percival	East Haddam, Ct.	June 12
Brad cutter, revolving	Asa B. Woods and Ebenezer Talbot, jr.		October 14
Brushes for blending colors, manufacturing	George M. Morris	Windsor, Ct.	February 13
Bleaching and cleaning cloth	Calvin H. Farnham	Philadelphia, Pa.	March 6
Band, spiral wheel	Samuel S. Walley	Norwich, Ct.	August 15
Brushes, art of making, &c.	William Steel	Chester, Pa.	August 17
Cotton gin, boxing for	William S. Cooley	New York	August 17
Chest, iron, fire-proof (Patented April 12, 1833. Re-issued)	Charles A. Gayler	Norwich, Ct.	January 7
		New York	April 3

Chisel, mortising	-	Charles Rhinehart	Marietta, Lancaster, co., Pennsylvania	April 9
Chisel, mortising	-	George Page	Keene, N. H.	July 7
Cloth, manufacture of	-	Freeman Wolcott	Stow, Mass.	July 21
Chests, fire-proof, use of asbestos in manufacture of	-	John Scott	83 Dock street, Philad'a	July 21
Cloth, spreading and drying India rubber upon	-	William Atkinson	New York	August 15
Candle wick, dipping and cutting	-	Willard Morey	Worcester, Mass.	August 15
Cartouch box	-	Robert Dingee	New York	August 15
Cloths, printing and dying woollen	-	William Duncan	Bellville, N. J.	September 18
Cautchouc, cutting into shreds	-	William Atkinson	New York	October 6
Cards, wool, in the doffer	-	Stephen H. Parkhurst	Providence, R. I.	October 10
Cloth, calendering	-	Zenas Bliss	Johnston, R. I.	October 17
Cotton whipper, oblique	-	Lucean Osgood	Abington post office, Ct.	October 27
Comb, metallic hair	-	Nathaniel Bushnell	Middletown, Ct.	October 31
Cloths, machine for winding up	-	J. Goulding & R. Bracket	Boston, Mass.	November 30
Evaporating machinery and condensing, for cloths	-	J. Goulding & R. Bracket	Lynn, Mass.	August 15
Fur cutting machine, reciprocating	-	Curtis M. Lampron	New York	February 5
Fur skins, machine for extracting hair from	-	Sam. G. Ladd, assignee of Seth Graham	Farmington, Me.	March 27
Flat or sad iron	-	William Wilson	Greenfield, Mass.	March 27
Fur substitute for dressed fur skins	-	Allen Belden	Hudson, N. Y.	April 22
Fulling mill stocks, propelling	-	Elisha S. Norris	Monmouth, Me.	July 7
Glazing machine for cottons (Patented July 25. 1833. Reissued.)	-	Stukeley Turner	Craiston, R. I.	October 6
Hair brushes	-	Joseph B. Burgess	New York	April 14
Hat bodies, stiffening	-	Henry Blynn	Newark, N. J.	May 9
Hats, caps, bonnets, &c. making	-	Elisha Pratt	Cambridge, Mass.	May 16
Hat blocks to color hats	-	A. and S. Chichester	Wilton, Ct.	May 29
Hemp, flax, tow, &c. preparing and hatchelling	-	John Goulding	Boston, Mass.	October 10
Hinges and tubes, machine for making	-	William Shaw	Buffalo, N. Y.	October 22
Loom, power	-	David Whitman	Windham, Ct.	March 20

Inventions or discoveries	Names of patentees	Residence.	When issued.
Loom, power	William G. Gavit	Washington co., R. I.	1835
Loom for weaving figured work	John Smith	Shafterstown, Pa.	April 8
Loom, damask	Tompkins and Gilroy	North Providence, R. I.	April 22
Lock, mortise, and latch	J. G. Hotchkiss	New Haven, Ct.	May 9
Loom for weaving coverlets, &c. (Patented March 1, 1834. Reissued.)	Meily, J., jr., and S. Melinger		June 19
Lathe, coopers	Isaac Hoover	Lebanon, Penn.	June 26
Latch and lock for door	Albert Bingham	Miamsburg, Ohio	July 2
Looms, constructing	Oliver C. Burr	Unity, Maine	July 7
Looms, power, the taking up motion	Amasa Stone	Millbury, Mass.	July 17
Looms for weaving stocks	Conrad Kile	Johnston, R. I.	August 17
Looms, power, for silks	Garniel Gay	Erie, Penn.	September 18
Locking number of drawers	Edward Brown	Poughkeepsie, N. Y.	September 26
Loom, power, for weaving stock frames	F. Goodell and F. W. Harvey	Lynchburg, Va.	October 28
Locks, door, and other fastenings	J. R. Cambell and H. C. Cambell	Ramapo, N. Y.	December 2
Nail machine, nippers for reeds	Stephen Chubbuck	Charlestown, Mass.	December 28
Nail machine, wrought	Samuel G. Reynolds	Wareham, Mass.	January 13
Napping machine, metallic	Reuben Daniels	Providence, R. I.	March 18
Paper machine	John Ames	Woodstock, Vt.	June 26
Press, vertical cutting, for paper	Benjamin Morris	Springfield, Mass.	February 20
Rolling machine for metals	Isaac Hinman	Oxford, N. Y.	February 15
Rules, carpenters joint	Lemuel Hedge	New Haven, Ct.	April 22
Roving, spinning, and doubling cotton, silk, &c.	James Jones	Brattleborough, Vt.	April 22
		Manchester, England	May 16

Ruling machine, paper	James C. Teasdale	Dansville, N. Y.	June 15
Reeds, headles. or harness	Jephtha A. Wilkinson	Providence, R. I.	July 17
Rags, machine for cleaning, paper (Patented January 13, 1828. Reissued.)	William Debit	Hartford, Ct.	July 21.
Ropes, machine for serving	James Fales	New Bedford, Mass.	August 20
Ropes, machine for laying	John Goulding	Boston, Mass.	October 10
Shovels, scoop, manufacturing	John and William Smith	Williamstown, Mass.	February 25
Shears, tailors'	John Andrews, assignee of Rochius Heenisch	New York	March 11
Spindle, rotary and stationary	Charles Jackson, Stephen S. Potter, and John Mil- ler	Providence, R. I.	April 2
Spinning and twisting straw, hay, &c.	Philo G. Sheldon	Winchester, Ct.	April 8
Silk, machine for throwing or twisting	Lucillius H. Mosely	Poughkeepsie, N. Y.	May 9
Spinner, accelerated	Leonard Norcross	Dixfield, Maine	June 15
Spring wire door	John Codman	Boston, Mass.	August 17
Silk, unwinding from cocoons, &c.	Garniel Gay	Poughkeepsie, N. Y.	August 17
Spinning hemp and flax	Andrew Caldwell	Lexington, Ky.	August 20
Spindle, dead	Henry G. Davis	Northborough, Mass.	September 9
Stamps for post and other offices	Benjamin Chambers	City of Washington	September 9
Speeder, double	William Field	North Providence, R. I.	October 6
Silk worms, bundle for rearing	Garniel Gay	Poughkeepsie, N. Y.	October 6
Springs of sofas, chairs, &c.	Edmond Cherrington	Boston, Mass.	November 23
Tinter bar, circular revolving, for drying cloth, &c	Stephen R. Parkhurst	Wooner, Mass.	October 28
Wool combing	Samuel Couillard	Boston, Mass.	July 7
Wool cleaning	Michael H. Simpson	Boston, Mass.	July 7
Wool or flax to brush into teeth	William W. Calvert	Lowell, Mass.	September 18

LIST OF PATENTS—COMMON TRADES.

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Inventions or discoveries.	Names of patentees.	Residence.	When issued.
Awls, drills, &c. setting	-	West Boyleston town-	1836
Auger for boring large holes	Erastus B. Bigelow, and Stephen P. Brigham	ship, Mass.	January 27
Axletrees, diminishing friction in	Nicholas J. Lampman	Coxackie, N. Y.	April 8
	Benjamin Hinkley	Fayette, Kennebec coun-	
		ty, Me.	April 14
Auger	William Jones	Portsmouth, Va.	June 15
Anthracite coal, machine for cracking	Jonathan S. Hubbell	New York	August 17
Bedstead machine	Aaron Stedman	Pittsford N. Y.	January 16
Barrel manufacturer	John Squier	Salina, N. Y.	January 21
Brick striker	Peleg Sweet	Ashtabula, Ohio	Feb. 20
Beds, application of palm-leaves for stuffing	Joseph C. Smith	Cambridgeport, Mass.	April 3
Brick pressing machine	Nathan Sawyer	Mount Vernon, Ohio	April 8
Boots, machine for blacking and cleaning	John Folsom	Hallowell, Me.	April 14
Bedsteads	Benjamin F. Berry	Utica, N. Y.	April 22
Bungs, machine for cutting	George D. Gates	Hartford, Ct.	May 2
Boots, manufacturing by the hinge or boot cramp	Nathan Ayer	St. Johnsbury, Vt.	June 19
Brick machine	J. M. Hannister	Phelps, N. Y.	June 19
Boarding machine for softening skins	Eli Kendall	Asby, Mass.	June 19
Brick press	William Wadsworth	Hartford, Ct.	June 26
Brushes, art of making	George W. Gilbert	Pittsburg, Pa.	August 15
Brick press	William Steel	New York	August 17
Bedstead for the sick	Nathan Read	Belfast, Me.	August 20
Beds, conical spring	Nathaniel Richardson	Boston, Mass.	September 9
Box setter for boring in hubs, &c.	W. J. and A. E. Lyman	East Hampton, Mass.	September 18
	Edward Badlam, Jr.	Chester, Vt.	September 18

Boots, machine for turning	H. Blodget, & H. Boynton	Rowley, Mass.	September 26
Bedstead	Perry Prettyman	Georgetown, Del.	September 26
Bricks and tile	Benjamin P. Coston	Stirling, Pa.	October 22
Boots, booties, &c. cutting the uppers of	Jos. T. Buck	New Canaan, Ct.	October 27
Bedstead and mattress	Edmund Cherrington	Boston, Mass.	November 23
Boots and shoes, water-proof	David Clarkson	New York	December 2
Brick, machine for pressing and delivering	Ulysses Ward	City of Washington	December 15
Brick, machine for making, &c. tiles	Benjamin Hamblet	Portland, Me.	December 28
Churn	Iram Brewster	Schoharie county, N. Y.	January 7
Churn, spiral spring	Lewis Hinkson	Hallowell, Me.	January 7
Churn	Francis Cotton	New York	January 9
Churn, and washing machine	Ira Parke	Delhi, N. Y.	January 16
Collars, horse, cutting tops of	Timothy Deming	East Hartford, Ct.	March 6
Churn	Benjamin Randall	North Pownal, Me.	March 11
Combs for the hair	George Hooker	Bristol, Ct.	April 3
Churning machine	Samuel Clarke	Parkman, Me.	April 22
Comb, teeth cutting	Lemuel Adams	Redding, Ct.	May 2
Churning machine	Michael Knight	Pownal, Me.	May 9
Churn	Philip S. Lowell	Farmington, Me.	May 29
Churn and washing machine	Charles Otis	Finksburg p. o. Md.	June 12
Churn	Isaac Wood	Fayette county, Ind.	June 26
Churn	Oliver Wymen	Dedham, Mass.	July 17
Churn, cutting floats of	Reading Ryerson	Jay, Me.	July 17
Coffins of artificial stone or marble	John White	New York	July 18
Churn	Hiram Phelps	Williston, Vt.	July 21
Churn	Russel Bradley	Williston, Vt.	July 21
Churn	William A. Herrick	Green, Me.	July 21
Churn	Joseph Turner	Poland, Me.	July 21
Churn	Caleb Angerine	New York	August 15
Churn	Clifton C. Stearns	Bucksport, Me.	August 17
Chairs	Eli F. Benjamin	Utica, N. Y.	August 17

Inventions or discoveries.	Names of patentees.	Residence.	When issued.
Churn, and washing machine	Thomas Ling	Winthrop, Me.	1835
Coopers' working off tool	Milancion Sutton	Penfield, N. Y.	September 9
Churn, propelled by weights	Asahel Bacon	Windsor, N. Y.	September 9
Crackers and biscuit cutting	T. and T. H. Havener	Washington, D. C.	October 10
Crackers and biscuit cutting	W. R. Nivens	New York	October 17
Crackers and biscuit cutting	Levin P. Clark	Baltimore, Md.	October 17
Collars, horse	Henry C. Call	Sterling, Ct.	November 7
Doors, gates, &c. closing	Oliver Davidson	Ballstown Spa, N. Y.	November 14
Feathers, machine for dressing and cleaning	Orestes Badger	Otsego, N. Y.	March 30
Flasks and patterns for moulding iron tea kettles	David Stewart	Danville, Penn.	April 22
Felloes, bending	Edward Reynolds	Haddonfield, N. J.	June 26
Felloes, cutting machine	Brown and Barker	Phillips, Maine	July 17
Felloes, cutting machine	Bradley and Worthley	Phillips, Maine	October 14
Feathers, machine for dressing, (Patented Feb. 17, 1834. Reissued.)	George Reynolds	East Hartford, Ct.	October 17
Feathers, machine for dressing and purifying	Barth. Smith	Schodack, N. Y.	November 23
Garments, measuring and marking out coats	Allen Ward	Philadelphia, Penn.	January 7
Grater	Ebenezer B. Strong	Buffalo, N. Y.	August 27
Grooving planes	James Herman	Lancaster, Ohio	August 27
Hoops, truss making	Tristram Burgess and Simon Burgess	Livonia, N. Y.	January 21
Hames, fastening horse	Timothy Taylor	Loudon county Va.	March 11
Hoes	Isaac Hinman	Hamden, Ct.	April 22
Hame, collars, blocking and stretching	Milven Eddy	Adams, N. Y.	April 22
Hames, wood supersede use of collars	Serino Norton	East Bloomfield, N. Y.	June 12

Hoops and barrels, dressing machine	Kimball, Perry, and Spalding	Peterborough, N. H.	September 18
Horse collars, machine for making	Caleb Angevine	New York	October 27
Horse collars	Henry C. Call	Sterling, Ct.	November 14
Hair, machine for extracting from skins	Nahum Sweet	Readfield, Maine	November 14
Horse shoes, machine for making	Henry Burden	Troy, N. Y.	November 23
Knife, currying, and double trimmer	Luther Townsend	Farmington, Maine	January 16
Knobs, glass screw for	Orrin Newton	Pittsburg, Penn.	October 17
Leather finisher	Cushman Bassett	Boston, Mass.	March 25
Lathe for turning irregular forms	Cullen Whipple, Jonathan Sprague and Milton T. Whipple		
Lathe cutting machine	David M. Cradit	Douglass, Mass.	April 3
Leather, machine for splitting and pairing	Herrick Aiken	Ithaca, N. Y.	May 22
Lathe for turning rakes, &c. handles	James Haven	Middlesex, Mass.	June 12
Laths, machine for cutting and splitting	Barnabas Langdon	Newport, N. H.	October 14
Meat cutter	John Morris	Troy, N. Y.	December 15
Mortising machine	Grove Bradley	Derby, Ct.	February 25
Mortar machine and masons' tender	Samuel Whitman	Auburn, N. Y.	February 25
Mortising and tenoning machine	Erastus M. Shaw	Danville, Illinois	March 11
Mortising and tenoning for sash doors and blinds	Ira Gay	Brooklyn, N. Y.	April 8
Mortar, machine for mixing, and hoisting brick	Jesse Rinehart	Dunstable, N. H.	May 29
Mortising machine	Jonathan Page	Danville, Illinois	June 6
Mortising and tenoning	Joseph H. Darby	Henniker, N. H.	June 12
Mortar mixing machine, &c.	Everhart and Swimley	Llominster, Mass.	June 15
Mortising machine	Israel J. Richardson	City Washington, D. C.	June 20
Mortising machine	Imla Wright	Palmyra, N. Y.	July 7
Mortising machine	Charles Gates	Centre Antrim, N. H.	July 17
Mortising and tenoning timber (Patented October 8, 1827. - Reissued.)	John McClintic	Centre Antrim, N. H.	September 26
Moulds for making loaf sugar machine	Charles Duncan	Chambersburg, Pa.	October 22
		Williamsburg, N. Y.	October 27

LIST OF PATENTS—COMMON TRADES—Continued.

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Inventions or discoveries.	Names of patentees.	Residence.	When issued.
Mortising machine	John McBride	Richmond, Indiana	1835.
Planing machine, improvement on Woodworth's	Artemas L. Brooks	Lowell, Mass.	November 26
Planing machine for window sash	Ira Gay	Dunstable, N. H.	January 7
Planing machine	Fisher Stedman	Aquackanckin, N. J.	May 29
Planing machine	Reid R. Throckmorton	New York	August 17
Planing machine	Reid R. Throckmorton	New York	October 6
Planing machine	McLaughlin and Hill	Sunderland, Vt.	October 22
Rake tooth machine	Giles Dayton and William Stedman	Blanford, and { Mass. Springham, }	October 28
Refrigerator	John Waring	Port Tobacco, Va.	January 13
Roofs, tin, copper, and zinc	John Bouis	Baltimore, Md.	June 12
Roofs, form and shape of bricks for	James Parker	Gardiner, Maine	June 26.
Roofs, covering with tin, iron, &c.	Charles Bonnycastle	Leesburg, Va.	August 15
Roofs, covering with tin and other metal	Phineas Burgess	Brooklyn, N. Y.	August 17
Razors, application of polishing slate for sharpening	William Child	Baltimore, Md.	October 17
Sausage machine	James Burns and John Walter	Waynesborough, Pa.	December 15
Stave saw	Harvey Holmes	New Marlborough, Mass	January 16
Stave saw	Hart Pepper	Southwick, Mass.	January 21
Saw, use of	Anson Field	Jerico, Vt.	February 6
Sausage machine	Peter Fanestock and John Monn, jr.	Quincy, Penn.	March 6
Stone, glass, &c., grinding and polishing	Peter Cooper	New York	March 11
Shingle, metallic for roofs	Ohade Southwick and Israel J. Richardson	Palmyra, N. Y.	March 24
			April 8

Shives for blocks, friction bushes or boxes	Lewis Aspinwall	Albany, N. Y.	April 22
Saddle seat spring	Bayliss and Brannon	Fredericksburg, Va.	May 16
Stone sawing machine	Joseph L. Dutton	Philadelphia, Penn.	May 22
Saw set	Herrick Aiken	Middlesex, Mass.	June 12
Staves, machine for shaving, and heading and shingles	John Everhart	Waynesville, Ohio	June 12
Saddle, spring seat, riding	Palmer and Beards	Greenville, Va.	June 12
Shingles, shaving and jointing (Patented March 15, 1834. Reissued)	Samuel B. Chapman	Camden, N. J.	June 12
Sausage machine	A. and J. Keagy	Morrison Cove, Pa.	June 15
Saddles, riding, of gum elastic webbing	A. L. Vanhorn	Philadelphia, Pa.	June 26
Shoes, water proof	Farnist G. Augustin	New York	July 5
Saw set	Theodore Taylor	Port Deposit, Md.	August 15
Shoe pegs splitting machine	Mark Wilder	Peterborough, N. H.	August 15
Shingles, sawing	Daniel B. Moore	Stafford county, N. H.	August 15
Saddle tree, ladies'	John M. Bouton	Newark, N. J.	August 17
Stocks, neck	Thomas Goodrum	New York	August 27
Shingles and staves, shaving	William W. Wilkinson	Wayne, Ohio	September 26
Saddle spring	Joel Woodward	Mashaltown, Pa.	October 6
Staves and shingle machine, and heading for barrels	Everhart, Pearson, Morford, and Everhart	Wayne, Ohio	October 6
Staves, cutting, from steamed timber	George Pack	Sullivan, N. Y.	October 10
Staves dressing machine	Joseph Sweet	Borough of Muncey, Pa.	October 28
Spring saddle	Adam Hickman	Abington, Va.	November 23
Spring saddle	Charles Bates	Staunton, Va.	November 26
Saw for cutting timber	John Ruthven	New York	November 30
Trunk and settee	Benjamin Morris	New Richmond, Ohio	January 16
Trip hammer	Heman Redfield	Grafton, Mass.	March 6
Tin ware, machine for seaming	James Redheffer	Bridgeton, N. J.	March 6
Tobacco, chewing, manufacturing, called Rowoke leaf	Edw. Chassaing	Baltimore, Md.	March 24

LIST OF PATENTS—COMMON TRADES—Continued.

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Inventions or discoveries.	Names of patentees.	Residence.	When issued.
Tenons, cutting on the ends of wheel spokes, &c.	William Gerrish	Portsmouth, N. H.	1835.
Tailor's apparatus for measuring	John S. Rockafellow	Flemington, N. J.	July 21
Teeth cutting and punching machine	Andrew T. Mirvin	Borough of Muncy, Pa.	September 18
Tailor's measure for laying out garments	Frederick A. Fairchild	Columbus, Georgia	October 28
Tobacco press	John W. Weems	West River, Md.	October 31
Window sash springs and catches	Mense L. Stevens	Waterburg, Ct.	December 15
Washing machine	Stillman Roberts	Portland, Maine	January 9
Washing machine	Amos C. Haniford	Northfield, N. H.	January 16
Water closet	James Stone	New York	February 6
Washing machine	Stephen A. McGeorge	Alexander, N. Y.	March 11
Window and door blinds	Seril Steere	Gloucester, R. I.	March 24
Washing machine	Ezra Whitman, jr. assignee of Ezra Whitman		March 25
Window sash bolt and spring	Marcus Merriman, jr.	Winthrop, Maine	March 27
Washing machine, &c.	John Snyder, jr.	New Haven, Ct.	April 14
Washing machine	Philo Hunt	New York	May 2
Washing machine and churn	Mitchel and Fairbanks	Litchfield, Ct.	May 2
Washing machine	Jacob Sager	Rendfield, Maine	May 9
Washing clothes and other cloths	John T. Denniston	Harrisonburg, Va.	May 9
Window shades, curtains, maps, &c. machine for rolling up	Henry Lawson	Alexander, N. Y.	May 22
Washing machine	Asa W. Soule	Boston, Mass.	July 17
Washing machine	David Warren	Portland, Maine	July 18
Washing machine	William and J. D. Collins	Winthrop, Maine	August 27
Washing clothes and fulling cloth	Orin D. Wade	Norwich, Ct.	August 27
		China, N. Y.	September 9

Washing machine	James Lombard	Readfield, Maine	September 9
Washing machine	J. J. and E. C. Milliken	Winthrop, Maine	September 26
Washing machine	John O. Geer	Norwich, Ct.	October 10
Window sash, cast iron	James S. Stoddard	Macedon, N. Y.	October 14
Washing machine	Henry Ault	Philadelphia, Tenn.	October 14
Washing machine	Isaac Spicer	Norwich, Ct.	October 17

LAND WORKS.

Inventions or discoveries.	Names of patentees.	Residence.	When issued.
Bridges, improvement on his	Ithiel Town	New York	1835.
Bridges, constructing	George Law	Easton, Pa.	April 3
Bridges, &c.	Richard T. L. Witty	Lowell, Mass.	June 12
Chains and ropes, using on canals and rail-roads	John M. Palisse and Sidney S. Durice	Hudson, N. Y.	October 14
Car, rail-road	John Withers	Bart township, Pa.	February 25
Carriages, cars, wagons, &c. rail-road	James Herron	Richmond, Va.	March 25
Carriage frame for rail-road cars	Heinrich Bachman	Lancaster, Pa.	March 25
Carriages, measuring distance travelled by	Fuller & Richardson	Brunswick, Maine	May 2
Excavating and removing earth	Nathan Currier	Methuen Mass.	May 29
Locomotive engines, wheels and boiler tubes for rail-road	M. W. Baldwin	Philadelphia, Pa.	May 29
Propelling cars, boats, &c. by condensed air	Alexander McGrew	Cincinnati, Ohio	August 17
Platform turning for rail-roads	David Evans	Penn township, Pa.	October 27
Roads, constructing, with cement	Joseph Robey, jr.	Albany, N. Y.	November 26
Rail-road, revolving platform	John Tustin	Philadelphia, Pa.	August 17
Rail-road cars, easing the shock in stopping	Charles Davenport	Cambridge, Mass.	September 9

LIST OF PATENTS—LAND WORKS—Continued.

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Inventions or discoveries.	Names of patentees.	Residence.	When issued
Rail-road cars, turning with facility	Anthony Shermer	Philadelphia, Pa.	1835.
Rail-road, turning short curves on (Patented 23d August, 1831. Reissued)	James Stimson	Baltimore, Md.	September 9
Rail-road, cast or wrought iron plates, &c. for (Patented 23d August, 1831. Reissued)	James Stimson	Baltimore, Md.	September 26
Rail-road, construction of the curves	Roswel Bourne	Baltimore, Md.	September 26
Roads, constructing	Thomas Earle	Lancaster, Mass.	October 10
Rail-road car, self-adjusting	George W. Cleaveland	Burlington, N. J.	October 14
Rail-road, self-adjusting	W. T. James	Baltimore, Md.	October 14
Rail-road, construction of	Elisha Johnson	New York	October 27
Rail-road, application of power to the breakers of	John K. Smith	Rochester, N. Y.	November 23
Rock, machine for drilling	Aaron W. Vancleve	Port Clinton, Pa.	December 2
Stump extractor	Henry Gordon	Stonington, Ct.	December 2
Stone eradicator	John C. Blauvelt	Fountain Dale, Pa.	January 16
Stump and rock extractor	Leonard Norcross	Newton, Ct.	March 2
Wheels for rail-road cars	John Baker	Dixfield, Maine	June 15
Wheels and axletrees	Aaron Hale	Lancaster, Pa.	March 20
		Boston, Mass.	April 2

NAVIGATION.

Inventions or discoveries.	Names of patentees.	Residence.	When issued.
Boat, fishing	John Donn	Washington, D. C.	1835.
Boat for canals and rivers	Anthony Plantou	Philadelphia, Pa.	March 6
Boat, screw for propelling	Edward P. Fitzpatrick	Mount Morris, N. Y.	March 18
Boat, sheet iron twin, for canals	Luman Parmelee	Poughkeepsie, N. Y.	November 23
Capstans for ships	Calvin Oaks	Rochester, N. Y.	November 26
Canals, disengaging horses in navigating	Gottlieb Shultz	Philadelphia, Pa.	May 16
Canal boats for the transshipment of merchandize	James O. Conner	Philadelphia, Pa.	September 9
Canals, transportation on, and rail-roads	John Elgar	Philadelphia, Pa.	October 14
Docks, floating dry	Jonathan Hawes	Baltimore, Md.	November 7
Docks, floating dry	Rufus Porter	Cayuga county, N. Y.	April 22
Docks, floating dry	J. R. Campbell and J. S. Withington	Bellerica, Mass.	November 14
Diving dress	John R. Cambell	Boston, Mass.	November 28
Mast and truss hoops, bending	Jonathan Mulford	Boston, Mass.	November 30
Paddles for propelling boats	Philip E. Barbour	Northern Liberties, Pa.	January 16
Paddle wheels, and mode of propelling canal boats	Benjamin M. Smith	Louisville, Ky.	January 27
Propelling boats by a screw, &c. in still water	John L. Smith	Rochester, N. Y.	May 22
Steam and other boats, propelling	William Scarborough	Charleston, S. C.	September 18
Ship building	Charles Olcott	Savannah, Ga.	April 8
Vessels, gum elastic applying to	George Duncan Cooper	Medina, Ohio	August 15
Ventilation bellows, for ships, &c.	James Barron	New York	January 7
Vessels, marine rail-way for hauling up	Washington Van Dusen	Philadelphia, Pa.	February 20
Vessels, sunken, to raise, &c.	Wm. Atkinson and E. Hale	Kensington, Phila. co.	April 14
Windlass, ship's	Seth Adams	New York	December 2
Water-wheel for steam-boats	Nehemiah Dodge	Boston, Mass.	February 6
		New York	February 25

Inventions or discoveries.	Names of patenters.	Residence.	When issued.
Alcohol, extracting from apples	Anson Wolcott	East Bloomfield, N. Y.	1835.
Asbestos, use and application of	John Scott	Philadelphia, Pa.	October 6
Boiler, kitchen	J. and W. C. Bailey	Farmington, Maine	November 26
Boiler valves and cam of the steam engine	John Kirkpatrick	Baltimore, Md.	May 22
Boiler pipes, mode of preparing and screwing in	John Goulding	Boston, Mass.	May 29
Boiler, portable, for culinary purposes, &c.	Anson W. Spencer	Cazenovia, N. Y.	June 19
Boiler, mode of regulating height of water in steam (Patented April 2, 1835. Reissued.)	Jesse Fox	Lowell, Mass.	June 19
Boiler, mode of regulating height of water in steam (Patented April 2, 1835. Reissued.)	Jesse Fox	Lowell, Mass.	July 21
Bath, vapor	P. P. N. D. Alvigny	Leonard st. N. Y.	July 21
Boilers, manner of feeding them	Hunsicker and Krauss	Northampton, Pa.	August 17
Blower, spiral cone	Benjamin Brundred	Oldham, N. J.	August 20
Baker, tin	Nathaniel D. Whiten	New York	September 26
Boilers, steam, constructing	J. F. C. Salamon	Philadelphia	October 10
Boiling sugar, &c. under a vacuum	John Steel, jr.	New York	October 17
Boilers, steam, for steam engines, &c.	Thomas Ashcroft	Boston, Mass.	October 27
Casting chilled cylinders and cones	James Harley	Pittsburg, Pa.	November 23
Cooking, applying the reflection of caloric	John Burch	Jefferson co. N. Y.	March 3
Cook stove, plain plate or box	Eliphalet Nott	Schenectady, N. Y.	April 22
Cook stove	Resor, Wade, and Resor	Cincinnati, Ohio	April 22
Cook stove	Solomon Dickinson	Richmond, Indiana	May 29
Cooking ranges	Thomas B. Smith	New York	August 15
Chimney and fire place	Moses Perin	Connersville, Indiana	August 27
Charcoal burner, conical arch	Ezra B. Gilbert	Euphrata, N. Y.	September 26
			November 7.

Castings, pin, metallic, for chilling the interior of	William H. Saunders	Greensburg, N. Y.	November 26
Castings, machine for smoothing the oxyde and sand on	Bradford Seymour	Utica, N. Y.	December 2
Castings, mould for casting iron pipes, &c.	John D. Morris	Kensington, Pa.	December 2
Distillation, apparatus, spirits of turpentine, &c.	Josiah Jennings	New York	August 27
Furnaces, heating, with anthracite coal	M. Brook Bulkley	Pottsville, Pa.	January 16
Fireplace, chimney funneled	Ansel Gerrish	Shopleigh, Maine	January 23
Furnace and bake-oven	Charles E. Russell	Philadelphia, Pa.	February 13
Forge back, blacksmith's	Isaac Sawyer	Hallowell, Maine	February 13
Fire alarm apparatus	B. Seymour and J. Whipple	Utica, N. Y.	April 2
Fireplaces and chimneys	Reuben Bacon and Elijah Harris	Boston, Mass.	April 8
Furnace, adjustment of, and boiler and chimney in steam-boats, &c.	Eliphalet Nott	Schenectady, N. Y.	April 22
Furnace for burning lime and smelting ores	John Owings	Adams co. Pa.	May 29
Fireplaces	Bean and Skinner	Sandwich, N. H.	June 12
Fireplaces for grates	Joseph Snyder	Philadelphia, Pa.	June 12
Forge and bellows for blacksmiths, jewellers, &c.	John C. Conklin	Peekskill, N. Y.	June 19
Fireplaces, stoves, &c. composition slabs for lining	Joseph Putnam	Salem, Mass.	August 20
Fire engine	Thomas Odiorne	Portsmouth, N. H.	August 27
Fire draft, or regulator by atmospheric pressure	Robert Mayo	City of Washington	September 9
Forge for blacksmiths	James Knickerbacer	Laporte, Indiana	September 26
Forges and other furnaces, application of air	S. W. Watson and C. Robinson	Ashtabula, Ohio	September 26
Fireplaces	Ebenezer S. Greely	Dover, Maine	October 6
Fireplace for cooking and baking	John C. Howard	Howards Valley, Ct.	October 27
Fireplace, sheet iron	Gilbert Richards	Ashfield, Mass.	November 26
Forge hearth, hot air	L. V. Badger & R. Walker	Portsmouth, N. H.	November 30
Furnace, hot air and cupola	L. V. Badger	Portsmouth, N. H.	December 2
Fireplace and grate	Charles Lane	Hingham, Mass.	December 15

Inventions or discoveries.	Names of patentees.	Residence.	When issued.
Grates for stoves and furnaces . . .	Elias W. Newton	Middletown, Ct.	1835.
Grates . . .	Barnabas Pike	New York	January 9
Grates and stoves for parlor and kitchen . . .	Elkanah Ingalls	Providence, R. I.	March 11
Grates and stoves, bars for . . .	Jordon L. Mott	New York	April 22
Gridiron, rotary . . .	Kellogg Strong	Mendon, Ct.	October 14
Gauge, steam, for preventing the explosion of boilers . . .	Samuel Raub, jr.	Wilkesbarre, Pa.	October 28
Heat, economy of, in generating steam . . .	Tunis V. Leroy	Newport, N. Y.	December 28
Ironing clothes, machine for . . .	Samuel Sweet, jr.	Readfield, Maine	August 17
Kitchen ranges, for using anthracite coal . . .	Eliphalet Nott	Schenectady, N. Y.	December 30
Kiln for drying grain . . .	Thomas Crook	New Hope, Pa.	April 22
Locomotive engines, wheels, and boiler tubes . . .	Mathias W. Baldwin	Philadelphia, Pa.	November 30
Locomotive engines . . .	Charles and George Sellers	Philadelphia, Pa.	April 3
Lamp for burning volatile materials . . .	George Egles	Boston, Mass.	May 22
Lamp wicks, raising and lowering (Patented October 6, 1835. Reissued.) . . .	Samuel Rust	New York	May 22
Oven, construction and application . . .	Samuel Pollard	Bucksport, Maine	December 16
Oven, portable, or cooking stove . . .	Charles Vale	Newark, N. J.	June 12
Oven for baking and heating houses, &c. . .	Jacob Baldwin	City of New York	June 26
Piston for steam engines . . .	Wright and Ketchum	Calhoun county, M. T.	October 27
Stove, salamander cooking . . .	Abraham D. Spoor	Coxsackie, N. Y.	June 19
Stove (Patented March 15, 1834. Reissued) . . .	Abraham D. Spoor	Coxsackie, N. Y.	January 7
Stove, cooking, correcting bad smell . . .	Eliphalet Nott	Coxsackie, N. Y.	January 7
Stove, manufacturing . . .	Elias W. Newton	Schenectady, N. Y.	January 7
Steam engine, rotary, and boiler . . .	Ethan Baldwin	Middletown, Ct.	January 9
Stove, three boiler flat cook . . .	Sylvester Parker	Washington co. D. C.	January 13
		Troy, N. Y.	January 16

Stove, portable cooking	John Iggett	Albany, N. Y.	January 16
Stove for burning anthracite coal	Jacob J. Janeway	New Brunswick, N. J.	January 27
Steam, scalding hogs by	Thomas J. Godman	Baltimore, Md.	February 13
Steam engine, rotary	George M. Alsop	Philadelphia, Pa.	February 20
Stove, cooking	Paul Wing	Grafton, Mass.	February 25
Stove, flat cook	Joel Rathbone	Albany, N. Y.	March 6
Stove	George J. Payne	Borough of Erie, N. Y.	March 6
Steam wheel	William Wilson	Henderson co. Tenn.	March 13
Stove, Franklin cook	Isaac McNavy	Stafford, Ct.	March 24
Steam engine	John Murphy	Philadelphia, Pa.	March 24
Steam-power and boiler	Job Sheldon	New Haven, Ct.	March 24
Stove furnace	Benjamin B. Gates	Ontwa township, M. T.	March 24
Steam boilers, regulating height of water in	Harvey Hubbard	Berlin, Ct.	March 25
Stove, cooking	Jesse Fox	Lowell, Mass.	April 2
Steam, generation of	Andrew Abbott	Portland, Maine	April 2
Stove, cooking	William Scarborough	Savannah, Ga.	April 3
Stoves, cooking, applying the reflection of caloric	Thaddens Fairbanks	Caledonia co. Vt.	April 14
Stoves and grates for parlor and kitchen use	John Burch	Jefferson co. N. Y.	April 22
Stoves for warming rooms	Elkanah Ingalls	Providence, R. I.	April 22
Stoves, cooking and baking	Charles W. Peckham	New Haven, Ct.	May 16
Stoves, wrought iron, for burning anthracite coal	Hiram G. Phelps	Johnstown, N. Y.	May 29
Stoves, cooking	Thomas M. Southwick	Troy, N. Y.	June 6
Stoves, covering the rods used to bind	Elijah Skinner	Sandwich, N. H.	June 12
Steamboats, anti-friction wheels	John C. Parry	Pittsburg, Pa.	June 12
Stove furnace	Julian Nicolet	Pittsburg, Pa.	June 12
Stove, cooking	James Atwater	New Haven, Ct.	June 20
Stove, cooking	Legrand Fairman	Orleans county, N. Y.	June 26
Steam engine, rotary	Thomas D. Burrall	Geneva, N. Y.	June 26
Steam engine, rotary, reacting	Orson Barnes	Van Buren, N. Y.	June 26
Stove, cooking, and warming rooms	Charles Hill	Zanesville, Ohio	June 26
	Ernst G. Augustin	New York	July 6

LIST OF PATENTS—CALORIFIC AND STEAM APPARATUS—Continued.

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Inventions or discoveries.	Names of patentees.	Residence	When issued.
Steam-bonfs, steam mills, protection of	George R. Clark	Rochester, N. Y.	1885.
Stove, cooking, self heat retaining	Moffat and Taintor	Buffalo, N. Y.	July 7
Stove	Jordan L. Mott	New York	July 17
Stove knobs or handles	Jordan L. Mott	New York	July 21
Steam engine, rotary spiral spring float	Mason Young	Buffalo, N. Y.	July 21
Stove	West and Van Seelen	Hudson, N. Y.	July 21
Stove for heating tailors' and hatters' irons	John Lewis	Derby, Ct.	August 17
Stove, cooking	Ezekiel Gore, jr.	Guilford, Vt.	August 17
Steam engine, rotary, rarified air	George Cameron	City of Washington	August 17
Stove, cooking	Edward N. Kent	Portland, Maine	August 17
Spark arrester	Alfred C. Jones	Portsmouth, Va.	August 27
Steam engine	John Bennock	Orono, Maine	September 9
Stoves for cooking	J. Whiting and J. Mears	Boston, Mass.	September 9
Stoves for cooking	Ezekiel Daball	North Canaan, Ct.	September 26
Steam, management of, in regulating height of water in boiler	Thomas Odiorne	Malden, Mass.	September 26
Stove, cooking	Elnathan Samson	Pierpont, N. Y.	October 10
Steam engine, rotary	Arnold Buffum	Philadelphia, Pa.	October 10
Stove or furnace, for burning anthracite coal (Patented November 5, 1834. Reissued)	Denison Olmstead	New Haven, Ct.	October 14
Spark arrester	Haut C. Wiat	Weldon, N. C.	October 15
Stove, cooking	Horatio B. Wade	Cincinnati, Ohio	October 17
Stove to burn anthracite coal (Patented October 25, 1832. Reissued)	Eliphalet Nott	Schenectady, N. Y.	October 17
Sugar, &c. boiling under a vacuum	John Steel, jr.	New York,	October 27

Stove for burning stone coal	Philip Benedict	Lancaster, Pa.	October 27
Stove or fireplace	Daniel Southerland	Lisbon, Maine	October 31
Steam engine, reacting, rotary, &c.	J. G. Hotchkiss	New Haven, Ct.	November 7
Steam-boat for canals	John Elgar	Baltimore, Md.	November 7
Steam engine, centrifugal pneumatic	Charles C. Conway	New York	November 14
Stove, cooking, and fireplace	Joshua Douglass	South Durham, Maine	November 14
Spark catcher for locomotives, &c.	George Holbrook	Boston, Mass.	November 23
Spark catcher for steam engine pipes	James W. Wapples	Wilmington, Del.	November 30
Stove, revolving, cooking (Patented December 17, 1832. Reissued)	Henry Stanley	Poultney, Vt.	December 2
Stove, cooking	Bennington Gill	City of New York	December 9
Vinegar, mode of making	Frederick W. Boden	New Lancaster, Ohio	July 6
Valves, slide, for steam engines	And. M. Eastwick	242 Race street, Phila.	July 21
Warming buildings by radiated and steam heat, &c.	Robert Rogers	South Berwick, Maine	June 12

LIST OF PATENTS—HYDRAULICS.

Inventions or discoveries.	Names of patentees.	Residence.	When issued.
Cisterns, water	Levi Kidder	New York	1835.
Cisterns, vats, reservoirs, &c.	Levi Kidder	New York	January 21
Cisterns, construction of water and other	Alfred Palmer	Syracuse, N. Y.	November 14
Gates for canal locks	David Wilkinson	Cohoes, N. Y.	December 15
Hydrostatic and pneumatic machine for propelling	Robert Mills and Henry B. Fernald	City of Washington	August 17
Hydrant	S. T. Walker	Portland, Maine	October 10
Pumps, double acting cylinder	Phelps Mix	Baltimore, Md.	November 26
		Germanatown, Pa.	January 9

LIST OF PATENTS—HYDRAULICS—Continued.

Inventions or discoveries	Names of patentees	Residence.	When issued.
Pumps, rotary	William C. Trowbridge	Southeast, N. Y.	1835.
Pumps, air	Charles Goodyear	Philadelphia, Pa.	January 27
Pumps	Heinrich Bachman	Lancaster, Pa.	March 30
Pumps, rotary	Isaac Hall	Poughkeepsie, N. Y.	April 2
Pumps	Philo C. Curtis	Utica, N. Y.	April 22
Pumps for fire engines	Henry Gates	Northampton, Mass.	May 22
Pumps	Amos Miner	Jordan, N. Y.	June 12
Pumps, rotary	David M. Walker	Cavendish, Vt.	July 7
Pumps, double forcing	William Douglass	Middletown, Ct.	August 15
Pumps for ships, &c.	Thomas Odiorne	Portsmouth, N. H.	August 20
Pumps	Jos. Redelsperger	Mansfield, N. J.	August 27
Pumps, rotary	Peters and Dean	Poughkeepsie, N. Y.	October 31
Tides, applying the rising and falling of, &c. to propel machinery	Henry B. Fernald	Portland, Maine	October 31
			August 17

WHEEL CARRIAGES.

Inventions or discoveries.	Names of patentees.	Residence.	When issued.
Carriages, wheeled, sustaining weight, and applying power to	Samuel Chapman, jr.	Windsor, Mass.	1835.
			March 2

Coach panels	Eben. A. Lester	Boston, Mass.	March 18
Carriages and machinery when wheels are used	Williams and Wing	Hartford, Ct.	May 16
Carriage springs	Henry Pace, senior	Cincinnati, Ohio	October 14
Hubs and rotary bearings, anti-friction boxes	E. Fisk and J. C. Green	Fayette, Maine	November 14
Springs, carriage, gig, &c. connecting	Amos Davis	Easton, Md.	March 18
Wheels and axletrees	Aaron Hale	Boston, Mass.	April 2
Wheels, anti-friction, applicable to steam-boats	Julian Nicolet	Pittsburg, Pa.	June 12
Wheels, rail-road cars, constructing of	Arundius Tiers	Kensington, Pa.	December 2

ARMS.

Inventions or discoveries.	Names of patentees.	Residence.	When issued.
Fire arms, overlaying with tin or some compound	Samuel Ladd	Waltham, Mass.	1835.
Harpoon	Dexter H. Chamberlain	Boston, Mass.	October 14
Lock, percussion cannon	Robert Beale	Washington, D. C.	August 17
Lock, percussion gun	Robert Beale	Washington, D. C.	January 13
Lock, percussion gun	Thomas Daplyn	Dover, Ohio	February 20
Pistol, pocket	Victor M. Wallace	West Topham, Vt.	February 20
			August 17

LIST OF PATENTS—SCREW AND LEVER POWER.

Inventions or discoveries.	Names of patentees.	Residence.	When issued.
Branding, stamping, marking, &c. apparatus for	Eli Barnes, Gustavus Hill, and Ira B. Hawkins	Ashtabula, Ohio	1835
Balance	Nauston Griffing	New York	February 25
Balance, platform	Alexander Bliss	Beuson, Vt.	April 8
Balance for counters, &c.	Elias Hibbard	Lunenburg, Vt.	June 12
Cheese, machine for turning and curing	Henry Webber	East Richfield, N. Y.	November 7
Ink distributor, self operating	John Maxson	Schenectady, N. Y.	April 22
Inking machine for inking types	Samuel Fairlamb and John L. Gilpin	New York	January 9
Lever and pendulum power engine	Sidney Woods	New York	March 27
Lever, crank, weight, balance wheel, combination of	Elias T. Merrel	Freeport, Maine	January 7
Lever press	Jonathan Payne	Parkman, Maine	April 22
Press, portable, for cotton, hay, &c.	Alexander J. Murray	Russelville, Ky.	September 9
Press, cotton, hay, &c.	Ebenezer Eliason, jr.	Annapolis, Md.	January 9
Press, cheese, self adjusting	Rufus Porter	Fredericksburg, Va.	January 21
Printing press, register for Napier	Michael Caton and John C. Rives	Billerica, Mass.	February 6
Press, hay, cotton, &c.	Samuel T. Baker	Washington, D. C.	March 11
Power, augmenting engine	Andrew Ochler	West Gorham, Me.	March 20
Press, screw	Thomas Gilpin	Eastville, Va.	March 30
Press, printing	J. Lemuel Kingsley	Wilmington, Del.	April 3
Printing apparatus	Joseph Warren	New York	April 22
Press, cotton, hay, cheese, &c.	E. and L. L. Macomber	Warwick township, O.	May 2
Pressing, raising weights, &c. combination of cams for	Aionzo S. Greenville	Gardiner, Maine	August 15
		Cambridgeport, Mass.	December 30

Scale, double lever	.	E. A. & A. Hibbard	Lunenburg, Vt.	May 29
Screw wrench	.	Solomon Merrick	Springfield, Mass.	August 17
Scales for weighing	.	Jesse Mardin	Baltimore, Md.	September 9
Steelyard balance	.	Christopher F. Dahl	Pittsburg, Pa.	October 31
Tobacco flattener or press	.	Emanuel Shoavler	Richmond, Va.	April 22
Weighing machine	.	J. G. Rohr, assignee of Baptiste Maeg	New York	April 22

MILLS.

Inventions or discoveries.	Names of patentees.	Residence.	When issued.
Coffee mill, &c.	E. Morse and C. Putnam	Knoxville, Tenn.	1835.
Coffee, pepper, &c.	David Richmond	McArthurstown, Ohio	September 9
Dressing metallic mills	Samuel G. Reynolds	Providence, R. I.	October 14
Dog lever, saw mill	Martin Rich	Caroline, N. Y.	March 18
Dog gauge, saw mill	Martin Rich	Caroline, N. Y.	March 23
Flour cooler, New York	Hebard, Catlin, and Abell	Caroline, N. Y.	March 27
Grist mill, called conic grinder	Hezekiah P. Nuchols and Ponacey Nuchols	Pomfret, N. Y.	May 22
Grain, mill for grinding, called farmers' mill	John R. Sleeper	Barren county, Ky.	January 21
Grain, mill for grinding, with small stones.	Frederick Smith	Philadelphia, Pa.	January 27
Grist, paint, and plaster mill	Cephas Manning	Evans, N. Y.	March 19
Grist, family, mill	Peter M. Wright	Littleton, Mass.	April 2
Grinding and shelling corn machine	George M. Weaver	New York	April 14
Grinding grain, snuff, paints, &c.	William S. Johnson	Montgomery co. Pa.	June 12
Grist mill	Adna L. Norcross	New York	June 26
Geering mills	Claverius Coleman	Hallowell, Maine	August 20
		Barry's Bridge, Va.	August 27

LIST OF PATENTS—MILLS—Continued.

Inventions or discoveries.	Names of patentees.	Residence.	When issued.
Grinding and crushing corn machine	Andrew P. H. Jordon	Madisonville, Tenn.	1835.
Grist mill	Phillip Hauser	Cincinnati, Ohio	October 28
Grist mill	Samuel Hyde	Malone, N. Y.	November 7
Horse power for propelling saw mills, &c.	Irby Jones	Natchez, Miss.	November 26
Horse power, endless band for	Jonathan Gee Stanley and James Copeland Howard	Winthrop, Maine	January 13
Horse power	William E. Arnold	Chatham, Ct.	January 16
Horse power	C. Custer and Daniel Ponnepacker	Providence towns'p, Pa.	March 30
Horse power, portable	Samuel S. Allen	Saratoga Springs, N. Y.	April 3
Horse power, portable	John Brandon	Williamsport, Pa.	April 8
Horse power, endless chain	Webber Furbush	Hallowell, Maine	April 14
Horse power	Thomas Mitchel	Newburg, N. Y.	July 7
Horse power	Benjamin Wales	Hallowell, Maine	August 17
Horse power for propelling machinery	Moses Davenport	Phillips, Maine	October 10
Horse power	Asa Trahern, Henry Heberling, William E. Lukens, and John Heberling	Harrison county, Ohio	October 28
Mills, constructing the same for grinding grain	Elisha Holton	Westminster, Vt.	April 3
Mills, sawing and grinding, constructing	Geo. and Fran. B. Baker	Tuscaloosa, Ala.	July 7
Mills, grinding and chopping of grain	Pierson Cope	Washington towns'p, Pa.	August 17
Mills, application of water power to	Dart and Wood	Fabius, N. Y.	September 9
Mills for sawing stone	Daniel Bunnel	Xenia, Ohio	October 27
Mills, amalgam for separating gold from the ore	Joseph Curtis	New York	December 28

Mills, amalgam for separating gold from the ore	Joseph Curtis	New York	December 28
Mills, amalgam for separating gold from the ore	Joseph Curtis	New York	December 28
Propelling mills, &c. by weights	Obed R. Marston	Java, N. Y.	January 9
Packing flour in casks, &c. machine for	John Hinman	Hartley township, Pa.	March 2
Propelling machinery, called lever and dead weight	Luke M. Edwards	Trenton, Tenn.	March 3
Propelling machinery, pendulum power	Abraham Wade	Eagletown, N. Y.	March 25
Propelling cradles and churns	Ezra Whitman, jr.	Winthrop, Maine	March 27
Propelling machinery by means of cams and inclined planes	Philo C. Curtis	Utica, N. Y.	May 29
Propelling machinery by weights	Elisha Turner	North Pownal, Maine	June 12
Propelling machinery	David Russel	Tuscumbia, Alabama	October 27
Spindle, bush, ring, and ball for mills	Warren P. Wing	Greenwich, Mass.	February 20
Spindle, oil bush, and cap neck	Jesse Hinman	Clinton township, Pa.	March 2
Saw mill, constructing	Nath'l Crosby and Pearson Crosby	Pomfret, N. Y.	March 27
Saw mill dog blocks	Benjamin F. Snyder	Painted Post, N. Y.	April 3
Saw mill carriage	Henry Gordon	Adams county, Pa.	April 8
Saw mill	Ernst G. Augustin	New York	July 17
Saw mill saw	Levi Fisk	Schroon, N. Y.	August 17
Saw mill gauge	William A. Needham	Brimfield, Mass.	September 9
Saw mill	Lynus Yale	Utica, N. Y.	September 11
Stones, dressing	David B. Napier	Casey county, Ky.	September 18
Saw mill, running back the carriage	Samuel Phelps	Mount Morris, N. Y.	September 18
Saw mill wheels and machinery	John Muir	Menallen, Pa.	September 26
Saw mill	Uri Emmons	New York	October 6
Saw mill, portable	David Russel	Tuscumbia, Ala.	October 27
Water wheel	Robert Eastman	Concord, N. H.	March 11
Water wheel	Alvin Darling and Barton Darling	Billingham, Mass.	April 3
Water wheel, inclined, floated, &c.	Thomas Pierce	Hartwick, N. Y.	May 2
Water wheel	William Merrill	Randolph, Ohio	May 16

LIST OF PATENTS—MILLS—Continued.

Inventions or discoveries.	Names of patentees.	Residence.	When issued.
Water wheel, reacting	John B. McCard alias John B. Carr	Galena, Ill.	1835.
Water, raising to set machinery in motion	David W. Hunt	Newburyport, Mass.	May 16
Water wheel, undershot	Ebenezer Cochran	Gibson county, Ind.	June 12
Water wheel	Isaac Powell	Lawrence, N. Y.	June 15
Water wheel tub	Edward Newman	Stilesville, Ind.	July 17
			November 26

CHEMICAL COMPOSITIONS.

Inventions or discoveries.	Names of patentees.	Residence.	When issued.
Anodyne and alterative sirup	Rezin Thompson	Rome, N. Y.	1835.
Composition for water proof roofs, walls, aqueducts, and other articles	Lynnan Garfield	Troy, N. Y.	November 14
Composition for supplying lamps	Henry Porter	Bangor, Maine	February 20
Composition to prevent the absorption of animal and fish oils	Nathaniel Hathaway	Fairhaven, Mass.	April 8
Cement, hydraulic, constructing coffins from	Dayton, Hoyt, and White	Salina, N. Y.	May 22
Cement, hydraulic, constructing coffins from	John White	New York	June 6
Composition for medical purposes	Robert S. Bernard	Norfolk, Va.	July 18
			August 17

Cement, hydraulic, for various purposes	Parker, Clowes, and Garfield	New York	August 27
Cement, hydraulic, for various purposes	Obadiah Parker	New York	September 9
Cement, artificial stone or marble	Obadiah Parker	New York	September 9
Cement, artificial stone, for architectural purposes	Obadiah Parker	New York	September 9
Cement, gun elastic	Charles Goodyear	New Haven, Ct.	September 9
Composition of bread	T. T. Kimball and A. H. White	Dedham, Mass.	September 26
Caoutchouc, cutting into shreds	William Atkinson	New York	October 6
Cement for cisterns	Carson and Roberts	York, N. Y.	October 17
Cement for blocks, pillars, &c.	Charles Clinton	Minnsink, N. Y.	October 28
Dyeing, and manufacturing of prussiate of potash and soda	Felix Fossard	Philadelphia, Pa.	November 7
Galvanic electricity applied to cure diseases	Daniel Harrington	Philadelphia, Pa.	March 31
Galvanic electricity applied to surface of the body	Daniel Harrington	Philadelphia, Pa.	April 8
Gold, machine for extracting from its ores	Nathaniel Bosworth	Philadelphia, Pa.	June 6
Glue, manufacturing	Jonathan Morgan	Portland, Maine	September 18
Ink, writing	John D. Myers	New York	September 26
Japan applied to leather	William Gates	Hanover, N. Y.	November 14
Ointment for the cure of many diseases	William Waller Gray	Richmond, Va.	March 18
Oil, linseed, substitute for	Todd and Peabody	Washington City, D. C.	July 7
Oil of hazze, preparation of	Preswick and Fisher	New York	August 17
Paint, composition of metallic oxyde for white	Forrest Sheppard	Fredericksburg, Va.	March 18
Potash, manufacture of	Hartsuff and French	Aurelius, N. Y.	July 17
Potash, manufacture of, and preparing and leaching ashes	Elijah Williams	Harbor Creek, Pa.	August 16
Potter's clay, purifying	Adam Weber	Womelsdorf, Pa.	September 9
Pencil points, composition of matter and making	Guy C. Baldwin	Ticonderoga, N. Y.	December 2
Salt, manufacturing, by solar evaporation	Edward C. Cooper	New York	May 16
Tan vats, reservoirs, &c. constructing, with American cement	John C. Johnson	Catskill, N. Y.	February 20

LIST OF PATENTS—CHEMICAL COMPOSITIONS—Continued.

Inventions or discoveries.	Names of patentees.	Residence.	When issued.
Tanning hides	John Lippincot and John Hillvear	Philadelphia, Pa.	1835
Tanning, improvement in	Isaac M. Belote	Fayette county, Tenn.	April 14
Tanning, preparing skins	J. C. F. Salomon	Reading, Pa.	April 14
Tanning, preparing extract of bark for	Otis Batchelder	Bedford, N. H.	October 17
White and whitening, Paris	Peter Ferris	Greenwich, Ct.	November 7
			April 22

FINE ARTS.

Inventions or discoveries.	Names of patentees.	Residence.	When issued.
Bills of exchange	Charles C. Wright	New York	1835.
Bills of credit	John Golder	Philadelphia	June 19
Pens, metallic	Peregrine Williamson	New York	September 26
Pencils, everpointed lead	Elwood Meeds	Philadelphia, Pa.	March 30
Piano forte, compensating tubes	Thomas Loud	Philadelphia, Pa.	June 26
Pencil points, machine for making, and composition for	Guy C. Baldwin	Ticonderoga, N. Y.	July 17
			December 2

HOROLOGY.

Inventions or discoveries.	Names of patentees.	Residence.	When issued.
Clocks or time-pieces	William Pardee	Albany, N. Y.	1835.
Clocks or time-pieces, machine for propelling by atmospheric air condensed	Andrew Morse, jr	Bloomfield, Maine	May 23
Clocks or time-pieces, escapement of	James Fulton	Shelby county, Ky.	September 18 December 30

MATHEMATICAL INSTRUMENTS.

Inventions or discoveries.	Names of patentees.	Residence.	When issued.
Compass or theodolite, surveying	James Eames	Newry, Maine	1835.
Compass, mariner's	Jonathan Ball	Buffalo, N. Y.	February 11
Circumferentor, or surveyor's compass	Samuel R. Miller	Front Royal, Va.	March 6
Level, pendulum	Asahel Munger	Oberlin, Ohio	October 22
Theodolite, measuring distances with	Samuel Stone	Long Green, Bal. co. Md.	August 17 June 6

SURGERY.

Inventions or discoveries.	Names of patentees.	Residence.	When issued.
Bleeding instrument for horses and cattle -	Cornelius Addle -	Winthrop, Maine	1835.
Cornu, eradicating and curing -	William Davis -	Williamsburg, Va.	May 9
Papillary shield to protect ladies' sore nipples -	William Baxton -	Woburn, Mass.	September 9
Truss with appendages for the cure of hernia -	John W. Hood -	Clark county, Ky.	April 2
Truss, hernia -	Benjamin M. Smith -	Lampkin county, Ga.	April 2
Truss, common convex -	Philip Hircel -	Philadelphia, Pa.	April 14
Truss for the cure of hernia -	John J. Heintzelman -	Philadelphia, Pa.	May 2
Truss, spring -	Henry Reid -	Philadelphia, Pa.	June 6
Truss, gum elastic, for the cure of hernia -	Vernum Wilkinson -	Augusta, Georgia	October 31
Truss, gum elastic, for the cure of hernia -	Robert Semple -	New York	November 14
Truss for the cure of relaxation of the vagina, &c.	John F. Gray, administrator of Amos G. Hull -	Vidalie, Louisiana	November 14
		New York	December 9

HENRY L. ELLSWORTH,
Superintendent.

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ALPHABETICAL LIST of Patentees, 1835.

Adams, Isaac
 Adams, Seth
 Ames, John
 Alsop, George M.
 Andrews, John, assignee of Rochius
 Heinrich
 Arnold, William A.
 Abbott, Andrew
 Allen, Samuel S.
 Allen, Samuel S.
 Aspinwall, Lewis
 Adams, Lemuel
 Armstrong and King
 Adle, Cornelius
 Aiken, Herrick
 Aiken, Herrick
 Ayer, Nathan
 Atwater, James
 Augustin, E. G.
 Augustin, E. G.
 Augustin, E. G.
 Augustin, E. G.
 Atkinson, William
 Angevine, Caleb
 D'Alvigny, P. P. N.
 Atkinson, William
 Ault, Henry
 Angevine, Caleb
 Ambler, John
 Atkinson, Wm. and Ebenezer Hale
 Ashcroft, Thomas
 Brewster, Iram
 Brooks, Artemas
 Baldwin, Ethan
 Beale, Robert
 Burns, James, and John Walter
 Buckley, M. B.
 Burgess, T. and S.
 Bigelow, Erastus B. and Brigham,
 Stephen P.
 Barbour, Philip E.
 Briggs, Noah
 Beam, Michael
 Barron, James
 Beale, Robert
 Bradley, Grove
 Barnes, Elijah, Gustavus Hills, and
 J. B. Hawkins

Blattvelt, John C.
 Brown, Truman B.
 Burrall, Thomas D.
 Ball, Jonathan
 Baker, Samuel T.
 Baker, John
 Baker, Nathan
 Bassett, Cushman
 Bachman, Heinrich
 Baxton, William
 Baldwin, Mathias W.
 Bacon, Reuben, and Elijah Harris
 Brandon, John
 Belote, Isaac
 Burgess, Joseph B.
 Badger, Orestes
 Burch, John
 Belden, Allen
 Berry, Benjamin F.
 Bachman, Heinrich
 Blinn, Henry
 Bayliss, Marshall, and Brannan,
 William
 Bailey, J. C. and Bailey, W. C.
 Bosworth, Nathaniel
 Bean, Ira A. and Elijah Skinner
 Bliss, Alexander
 Bannister, J. M.
 Burrall, Thomas D.
 Barnes, Orson
 Bovis, John
 Boden, Frederick W.
 Bingham, Albert
 Baker, Geo. and Baker, Francis R.
 Burr, Oliver C.
 Bradley, Russel
 Banton, John M.
 Baldwin, M. W.
 Benjamin, E. F.
 Bernard, Robert S.
 Bonnycastle, Charles
 Bradley, Russel
 Blodget, S. C. and Boynton, Henry
 Brundred, Benjamin
 Bradley, Russel
 Burges, Asa, and Hernam Baldwin
 Bourns, Roswell
 Bacon, Asahel

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ALPHABETICAL LIST—Continued.

Buffum, Arnold
 Brown, J. S. and Barker, Jacob J.
 Braley, Winslow, and Meltzar L.
 Worthley
 Bliss, Zenas
 Burgess, Phinehas
 Bunnell, Daniel
 Benedict, Philip
 Baldwin, Jacob
 Buch, Josiah T.
 Brown, Edward
 Bushnell, Nathaniel
 Batchelder, Otis
 Burden, Henry
 Bates, Charles
 Badger, L. V. and Richard Walker
 Badger, L. V.
 Baldwin, Guy C.
 Braine, Victor De
 Cooper, George D.
 Cooley, William S.
 Colton, Francis
 Chubback, Stephen
 Chapman, Samuel, jr.
 Caton, Michael, and John C. Rives
 Cooper, Peter
 Chassaing, Edward
 Crosby, Nathaniel, and Pearson
 Crosby
 Custer, Christian, and Pennybacker,
 Daniel
 Carman, Luther
 Clark, Samuel
 Cope, John W.
 Gurrier, Nathan
 Cooper, Edward C.
 Cradit, David M.
 Curtis, Philo C.
 Currier, Nathan
 Curtis, Philo C.
 Chapman, Samuel B.
 Cochran, Ebenezer
 Concklin, J. C.
 Card, John
 Chichester, Aaron, and Chichester,
 Samuel
 Coullard, Samuel
 Clarke, J.

Clarke, George R.
 Cline, Samuel
 Cutter, Jonathan, and Israel Keyes
 Chamberlain, D. H.
 Codman, John
 Chandler, J. P.
 Cope, Pearson
 Cameron, George
 Caldwell, Andrew
 Clarke, Peter
 Collins, William, and Collins, J. D.
 Coleman, C. R.
 Chambers, Benjamin
 Calvert, William W.
 Cleaveland, George W.
 Carson, William H. and George
 Roberts
 Clinton, Charles
 Clarke, Levin P.
 Coston, Benton P.
 Call, H. C.
 Conway, Charles J.
 Cherrington, Edmund
 Cherrington, Edmund
 Cambell, J. R. and J. S. Withington
 Cambell, J. R.
 Crook, Thomas
 Clarkson, David
 Child, William
 Cambell, J. R. and Cambell, H. O.
 Curtis, Jos.
 Curtis, Jos.
 Dayton, Giles, and William Sted-
 man
 Ditson, Thomas
 Daplyn, Thomas
 Dodge, Nehemiah
 Deming, Timothy
 Donn, John
 Dick, Jesse S.
 Davis, Amos
 Davidson, Oliver
 Deakyne, John
 Darling, Alvin, and Darling, Barton
 Densan, William
 Dutton, Jos. L.
 Denniston, J. F.

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ALPHABETICAL LIST—Continued.

Dayton, Daniel, Hiram Haight and John White	Furbish, Webber
Dunbar, J. V. and Addison Power	Ferris, Peter
Daniels, Reuben	Fuller, Joseph, and Aaron A. Richardson
Darby, Joseph H.	Fairmau, Legrand
Davis, Daniel	Fox, Jesse
Debit, William	Farnham, C. H.
Dingee, Robert	Fernald, H. B.
Dickinson, Sol	Fisk, Levi
Douglas, William.	Fales, James
Dart, Hthel, and Stephen Wood	Field, William
Davenport, Charles	Fairchild, Fred. A.
Davies, William	Fossard, Felix
Duncan, William	Fitzpatrick, E. P.
Davenport, Moses	Fisk, Ezra, and Joseph C. Green
Davenport, Moses	Fitzpatrick, E. P.
Daball, Ezekiel	Fitzpatrick, E. P.
Duncan, Charles	Fulton, James
Dahl, Christ. F.	Gordon, Henry
Douglas, Jos.	Gray, Robert
Davenport, Moses	Gerrish, Ansel
Eliason, Ebenezer, jr.	Ghormley, David
Eames, James	Godman, Thomas
Ellis, Darwin	Garfield, Lyman
Edwards, Luke M.	Gray, William W.
Eastman, Robert	Gates, Benjamin B.
Eddy, Milvern	Goodyear, Charles
Eyles, George	Gayler, Charles J.
Edgar, Hugh, and Edgar, J. W.	Gilpin, Thomas
Everhart, John	Gavitt, William G.
Everhart, John, and Swimley, Lewis	Gordon, Henry
Eastwich, And.	Griffing, Nerestan
Emmons, Uri	Gates, G. D.
Everhart and Pearson Morford and Everhart	Gilroy and Tompkins
Earl, Thomas	Gay, Ira
Edgar, John	Gay, Ira
Edgar, John	Gates, Henry
Evans, David	Groves, William
Fowler, Charles, and Edward R. Hanks	Gatling, Jordon
Field, Anson	Goulding, John
Fahnestock, Peter, & Jno. Monn, jr.	Gatling, Jordon
Fairlamb, Samuel, and John L. Gilpin	Gerrish, William
Fox, Jesse	Gould, Samuel, jr.
Fairbanks, Thaddeus	Gilbert, George W.
Folsom, John	Goulding, John, and Reuben Brackett
	Gay, Gamaliel
	Gore, Ezekiel, jr.

ALPHABETICAL LIST—Continued.

Goulding, John
 Goodrum, Thomas
 Gearhart, John
 Goodyear, Charles
 Gray, Guy
 Goodman, R. T.
 Gates, Charles
 Greely, Ebenezer S.
 Gay, Gamaliel
 Golder, John
 Gay, Gamaliel
 Goulding, Jos.
 Goulding, Jos.
 Gilbert, Ezra B.
 Gates, William
 Greenleaf, W. C.
 Grut, Benjamin
 Goulding, John, and Reuben Brack-
 ett
 Goodell, Fred. and T. W. Harvey
 Gill, Bennington
 Gray, John F. administrator of
 Amos G. Hull
 Greenville, Alonzo S.
 Hale, Luke
 Hinkson, Lewis
 Holmes, Harvey
 Hurst, Abr'm
 Hurstford, Amos C.
 Harley, James
 Hubbard, Harvey
 Herron, James
 Hess, William
 Harrington, Daniel
 Hale, Aaron
 Hood, John W.
 Hooker, George
 Holton, Elisha
 Heberling, Henry
 Hinkley, Benjamin
 Harrington, Daniel
 Hawes, Jonathan
 Hinman, Isaac
 Hedge, Lemuel
 Hinman, Isaac
 Hall, Isaac
 Hittle, Philip
 Hum, Philo

Hebbard, Joseph, John B. Catlin
 and Thomas B. Abell
 Hathaway, Nathaniel
 Hibbard, Elisha A. and Hibbard,
 Asa
 Heintzelman, John J.
 Hunt, David W.
 Hotchkiss, J. G.
 Hill, Charles
 Hoover, Isaac
 Hartsuff, Henry, and Cyrus French
 Herrick, W. A.
 Hubbell, Jonathan
 Hatch, Julius
 Harmony, John
 Hunsicker, Henry, and Joel Krauss
 Holt, Williams
 Herman, James
 Holt, Hiram
 Haven, James
 Havener, Thomas, and Havener,
 Thomas H.
 Howard, John C.
 Hall, Ashman
 Hauser, Phillip
 Hotchkiss, J. G.
 Hibbard, Elias A.
 Holbrook, George
 Hickman, Adam
 Hyde, Samuel
 Hamblet, Benjamin
 Hanson, Amos
 Jones, Irby
 Iggett, John
 Janeway, J. J.
 Johnston, John C.
 Johnson, Benjamin
 Jackson, Charles, and Potter, Ste-
 phen S. and Miller, John
 Johnston, William G.
 Ingalls, Elkanah
 Jones, James
 Johnston, Henry
 Jones, William
 James, William T.
 Jordan, Anderson P. H.
 Jordan, John W.
 Jones, Henry C.

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ALPHABETICAL LIST—Continued.

Johnson, Elisha	Murfree, Nimrod
Kidder, Levi	Morris, John
Kinman, Jesse	McCoy, David G.
Kinman, John	McNairy, Isaac
Kellogg, Irah	McGeorge, Stephen A.
Kingsley, J. L.	Murphy, John
Knight, Michael	Manning, Cephas
Kirkpatrick, John	Merrymann, Marcus, jr.
Kolbe J. C.	Merrill, Elias T.
Keagy, Abraham. and Keagy John	Mack, Orlando
Kendall, Eli	Mosely, Lucilius H.
Kent, Edward N.	Mitchell and Fairbanks
Kill, Conrad	Merrill, William
Kimball, W. B., Abiel Perry, and Franklin Spalding	Martin, James
Knickerbacer, James	McCard, J. B.
Kimball, Thomas T. and Adam H White	McMath, James
Kidder, Levi	Meily, Emanuel, jr. Mellinger, John, and Mellinger, Samuel
Lampson, Curtis M.	Mears, Elwood
L'Hommiedieu, Ezra	Mitchel, Thomas
Lester, Ebenezer A.	Miner, Amos
Ladd, Samuel G. assignee of Seth Graham	Moffat, John, and Morton, Taintor
Lampman, Nicholas J.	Miller, Timothy
Lippincott, John, and Hillyer, John	Mott, J. L.
Lowell, Philip S.	Mott, J. L.
Laighton, William	Mott, J. L.
Law, George	Morey, Willard
Loud, Thomas	Morris, Benjamin
Lawson, Henry	Moore, D. B.
Lewis, John	Macomber, E. and Macomber. L. L.
Leray, Tunis V.	Merrick, Solomon
Lee, James A.	Munger, A.
Ling, Thomas	Mathewes, William
Lombard, James	Morse, Elijah
Lyman, J. and Lyman, A. E.	Marden, Jesse
Ladd, Samuel	Morse, Elijah, and Caleb Putnam
Lane, Charles	Morgan, Jonathan
Langdon, Barnabas	Mayo, Robert
Laning, D. F.	Morse, jr. Andrew
Maxson, John	Moses, Oren
Murray, Alexander J.	Milliken, J. J. and Milliken, E. C.
Marston, Obed R.	Myers, J. D.
Mix, Phelps	Muir, John
Morris, Benjamin	Mills, Robt. and Henry B. Fernald
Morrell, Samuel	Mott, Jordon L.
Mulford, Jonathan	Miller, Samuel R.
	McClintic, John M.
	McGrew, Alexander

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ALPHABETICAL LIST—Continued.

Miller, Anderson, and Thos. Lawes
 McLaughlin, John, and Hiram Hill
 Mirven, Andrew T.
 Morris, J. D.
 Marsh, Leonard
 McBride, J. M.
 Nott, Eliphalet
 Newton, Elias W.
 Newton, Elias W.
 Nuckols, H. P. and V.
 Nott, Eliphalet
 Nott, Eliphalet
 Nott, Eliphalet
 Norton, Sereno
 Nicholet, Julien
 Nichols, Jeremiah
 Norcross, Leonard
 Norcross, Leonard
 Norris, Elisha S.
 Norcross, Adna L.
 Napier, D. B.
 Nott, Eliphalet
 Newton, Orrin
 Nevens, William R.
 Newman, Edward
 Ochler, Andrew
 Owings, John
 Oaks, Calvin
 Otis, Charles
 Olcott, Charles
 Ordiorne Thomas
 Ordiorne, Thomas
 Ordiorne, Thomas
 O'Geer, John
 O'Conner, James
 Olmstead, Daniel
 Parke, Ira
 Parker, Sylvester
 Portar, Alexander
 Pepper, Hart
 Porter, Rufus
 Palisse, John M. and Sydney S.
 Durfee
 Payne, George S.
 Pike, Barnabas
 Plantou, Antony
 Porter, Henry
 Pierce, Thomas .

Peckham, Charles W.
 Pratt, Elisha
 Pagett, W. F.
 Pardee, William
 Pryer, Philip
 Phelps, Hiram G.
 Phelps, David
 Parry, J. C.
 Page, Jonathan
 Pollard, Samuel
 Palmer, Jacob G. Anthony Beard
 and Harvey Beard
 Pike, Barnabas
 Page, George
 Powell, Isaac
 Phelps, Hiram
 Parker, James
 Preswick, Charles, and J. N. Fisher
 Putnam, Jos.
 Parker, Obed, Timothy Clowes, and
 Lyman Garfield
 Payne, Jonathan
 Parker, Obed
 Parker, Obed
 Parker, Obed
 Phelps, Samuel
 Page, Putnam, assignee of David
 Gage
 Perin, Moses
 Prettyman, P.
 Pack, George
 Parkhurst, Stephen R.
 Pace, Henry, senior
 Percival, Orville P.
 Parkhurst, Stephen R.
 Peters, Charles, and Benj. Dean
 Pudney, James
 Porter, Rufus
 Parmlee, Leeman
 Palmer, Alfred
 Roberts, Stillman
 Ross, Joseph
 Ross, Joseph
 Russell, Charles E.
 Robinson, Nathan
 Rand, Ephraim, and Adna L. Nor-
 cross
 Rathbone, Joel

Sheldon, Job	Redfield, Herman
Sheldon, Seril	Redheffer, James
Seymour, Bradford, and Squire	Randall, Benjamin
Whipple	Reynolds, Samuel G.
Smith, Joseph	Reynolds, Samuel G.
Snyder, Benjamin T.	Rich, Martin
Sawyer, Nathan	Rich, Martin
Shaw, Erasmus M.	Ross, William W.
Sheldon, Philo G.	Ruinehart, Charles
Southwick, Chade, and Israel J.	Ruhr, John G. assignee of J. B. Mang
Richardson	Resor, Wade, and Rosor
Scarborough, William	Rucker, Thomas, jr. assignee of
Scarborough, William	Rodgers, Robert
Smith, Benjamin M.	Ridings, John P.
Smith, Ferdinando	Reynolds, Edward
Smith, John	Ryerson, Reding
Snyder, John	Robey, Joseph, jr.
Sager, Jacob	Read, Nathan
Sneed and Carpenter	Richardson, N.
Sellers, Charles, and Sellers, Geo. E.	Rockafellow, J. S.
Shouler, Emanuel	Rust, Samuel
Smith, Benjamin M.	Richmond, David
Stone, Samuel	Reynolds, George
Southwick, Thomas M.	Russell, David
Skinner, Elijah	Russel, David
Snyder, Joseph	Radapberger, Jos.
Spencer, Anson. W.	Reid, Henry
Sturdivant, Isaac, and John Holmes	Richards, Gilbert
Stewart, David	Ruthven, John
Simpson, Michael H.	Rust, Samuel
Goule, Asa W.	Raub, Samuel
Small, John P.	Spoor, Abraham D.
Scott, John	Spoor, Abraham D.
Stone, Amasa	Stevens, Munso, L.
Steel, William	Stanley, J. L. and Howard, J. C.
Stearns, C. C.	Stedman, Aaron
Stedman, Fisher	Squier, John
Smith, Thomas B.	Sleeper, J. R.
Strong, Ebenezer B.	Sawyer, Isaac
Shultz, Gottlieb	Sweet, Peleg
Shermer, Anthony	Smith, John, and Smith, William
Stahl, Peter, and John Dittenbasher	Stone, James
Smith, John L.	Smith, Frederick
Stimpson, James	Sands, Thomas J. and Benjamin
Stimpson, James	Kendig
Sarnsop, Eliadian	Shepherd, Forrest
Stoddard, James	

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ALPHABETICAL LIST—Continued.

Spicer, Isaac	Vale, Charles
Shaw, William	Van Horn, A. L.
Steel, John, jr.	Van Cleve, A. H.
Sperry, Samuel A.	Woods, Sidney
Sweet, Joseph	Ward, Allen
Strong, Kellog	West, Stacy
Sutherland, Daniel	Wood, Charles
Saloman, J. C. Frs.	Woods, A. B. and Ebenezer Tal-
Saloman, J. C. Frs.	bot, jr.
Semple, Robert	Wing, Warren P.
Smith, Bartholomew	Wing, Paul
Sanders, W. H.	Whitman, Samuel
Seymour, Bradford	Wilson, William
Smith, J. K.	Whitman, David
Sweet, Nahum	Withers, John
Scott, John	Wade, Abraham
Stanley, Henry	Whitman, Ezra, jr. assignee of
Swett, Samuel	Whitman, Ezra
Townsend, Luther	Whitman, Ezra, jr.
Trowbridge, William T.	Wilson, William
Taylor, J. H. and A. J. Cowles	Williamson, Peregrine
Tinkler, Joseph	Whipple, Cullen, Jonathan Sprague,
Taylor, Timothy	and Milton D. Whipple
Town, Ithiel	Wright, Peter M.
Tucker, William	Webber, Henry
Tompkins, A. S. and Patrick M.	Whitehill, James
Gilray	Warren, Josiah
Turner, Elisha	Williams and Wing
Teasdale, James C.	Warren, Edmund
Tyler, Joseph	Whittemore, William, jr.
Todd, Seth J. and J. L. Peabody	Weaver, G. M.
Taylor, Theo.	Waring, John
Turner, Jos.	Wright, Charles C.
Turner, Jos.	Wright, Benjamin, and George
Tustin, John	Ketchum
Turner, Stukely	Wadsworth, William
Throckmorton, Reid	Whiteman, John
Tefft, James S.	Wood, Isaac
Trahern, Asa, Henry Heberling,	Wyman, Oliver
William E. Lukens, and John	Wright, Imlay
Heberling	Wilkinson, Jephtha
Turk, John	White, John
Thompson, Rezin	Wolcott, Freeman
Tiers, Arundus	Wilder, Mark
Taylor, George W.	Walker, David M.
Ustick, Stephen	Williams, Elijah
Ustick, Stephen	Wilkinson, David
Van Dusen, Washington	Walley, Samuel S.

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ALPHABETICAL LIST—Continued.

Wallace, Victor M.
 Wales, Benjamin
 Warren, David
 Wade, O. D.
 Weber, Adam
 Whiting, John, and John Mears
 Watson, Seth W. and Cloud Robinson
 Wilkinson, W. H.
 Woodward, Joel
 Walcott, Anson
 Walker, William
 Witty, R. T. L.
 Wiatt, H. C.

Wade, H. B.
 Whiten, Nat. D.
 Wilkinson, Venum
 Walker, S. T.
 Waples, James W.
 Wirt, Jonathan
 Ward, Ulysses
 Wilder, Aretus A.
 Weems, J. W.
 Wood, Edmund
 Wilson, A. M.
 Yale, Linus
 Young, Mason

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January 1, 1836.

HENRY L. ELLSWORTH.

PATENTS FOR USEFUL INVENTIONS—1836.

LETTER

FROM

THE SECRETARY OF STATE,

TRANSMITTING

Lists of patents granted for useful inventions during the year 1836, &c.

FEBRUARY 25, 1837.

Read, and laid upon the table.

DEPARTMENT OF STATE,
February 23, 1837.

SIR: In compliance with the resolutions of the House of Representatives of the 13th of January, 1812, and the 2d of April, 1830, I have the honor to transmit a list of the names of persons who have invented any new or useful art or machine, manufacture, or composition of matter, or any improvement therein; and to whom patents have been issued for the same, from this office, or from the Patent Office, within the year 1836; with the dates and general objects of such patents; and also the residences of the patentees, as far as they could be ascertained; also, a list of the names of the patentees alphabetically arranged.

I have the honor to be, sir,

Your obedient servant,

JOHN FORSYTH.

To the honorable the SPEAKER
of the House of Representatives.

Blair & Rives, printers.

AGRICULTURE.

Inventions or discoveries.	Patentees.	Residence.	When issued.
Apples, peeling	John W. Hatcher	Bedford county, Va.	1836.
Bee-hives	J. M. Hubbard	Canterbury, N. H.	February 3.
Bee-hives	Ebenezer Beard	New Sharon, Me.	February 5.
Bee-hives	Sturges M. Judd	Danbury, Ct.	February 25.
Bee hives	James M. Weeks	Salisbury, Vt.	March 30.
Churn	Hezekiah Roberts	Seneca Falls, N. Y.	June 30.
Cider-mill	Christian Sheaffer	Lebanon, Pa.	February 5.
Cider-mill	Elias Jenkins	Harmony, Pa.	March 19.
Clover seed, cleaning	James Manning	Lambertville, N. Y.	May 17.
Clover seed, hulling	J. B. and W. F. Poague	Lexington, Va.	January 6.
Clover, cleaning	John Goodyear, jr.	South Middletown, Pa.	February 17.
Clover seed, hulling	Cyrus B. Baldwin	Faircastle, Va.	June 2.
Clover seed, hulling	Hildreth Robbins	Kennebec, Me.	June 16.
Clover seed, hulling	J. Hopper and A. Doughty	Moresborough, Pa.	June 20.
Corn, planting	Charles R. Belt	Washington city	June 30.
Corn, hulling	Warren Carpenter	Newcastle, Pa.	January 15.
Corn, shelling	Isaac A. Hedges	Elmira, N. Y.	January 23.
Cotton gin	W. and J. McCreight	Winnborough, S. C.	February 3.
Corn, shelling	Henry G. Neal	Poultney, Vt.	February 5.
Corn, shelling	Ira Smith	Downington, Pa.	February 10.
Cotton gins	Henry Clark	New London, Ct.	February 13.
Cotton gin grates	Edwin Keith	Bridgewater, Mass.	February 25.
			March 4.

Cotton planter	Michael Beam	Buffalo, N. C.	March 30.
Cotton, plough, &c.	Harvey W. Pitts	Wilsonville, Ala.	March 31.
Corn shelter	Albert W. Gray	Middletown, Vt.	March 31.
Corn and cotton planter	George C. Boyd	New London, Pa.	April 11.
Cotton seed huller	Pearson Reading	Trenton, N. J.	April 13.
Cotton gin	Pearson Reading	Trenton, N. J.	April 13.
Corn husks, splitting	Asa Barrett	Baltimore, Md.	April 21.
Cotton, planing	Henry Allen	Fayetteville, Tenn.	June 16.
Cotton gin	James McCreight	Winnsborough, S. C.	July 2.
Cultivator	James M. Garnett	Loretto, Va.	February 3.
Cutting vegetables	Austin H. Robbins	Denmark, N. Y.	May 6.
Cutter, vegetable	Henry Mellish	Walpole, N. H.	June 26.
Cultivator	J. S. Eastman	Baltimore, Md.	June 30.
Clover machine	William Loomis	Ashford, Ct.	July 2.
Fanning machine	D. Flanders and C. Rathburn	Fort Covington, N. Y.	February 13.
Grain, sowing	William C. Greenleaf	Andover, Me.	July 1.
Hoe, garden	Isaac W. Averill	Plymouth, Mich.	June 11.
Harvesting machine	H. Moore and J. Hascall	Kalamango, Mich.	June 28.
Harrow	J. C. Concklin	Peekskill, N. Y.	April 21.
Hoes, cast iron	Benjamin F. Boyden	Boston, Mass.	March 31.
Hoes	Adna Allen	Ramapo, N. Y.	January 23.
Mowing and thrashing	E. Briggs and G. G. Carpenter	Fort Covington	February 6.
Mowing machine	Henry Allen	Fayetteville, Tenn.	June 2.
Mowing machine	John Drummond	Waterford, N. Y.	June 30.
Mowing machine	William C. Greenleaf	Andover, Maine	July 1.
Plough	John Dalkener	Canton, Ohio	January 15.
Plough	Samuel Witheron	Gettysburg, Pa.	January 16.
Plough	J. J. Chandler and P. Ranger	Milton, Maine	January 20.
Plough	William P. Cannon	Monroe county, Tenn.	March 4.
Plough	D. Prouty and J. Means	Boston, Mass.	March 4.

LIST OF PATENTS—AGRICULTURE—Continued.

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Inventions or discoveries.	Patentees.	Residence.	When issued.
Plough	John Farlee	Mercer county, Ky.	1836.
Plough	Nathan Locklin	Sparto, N. Y.	April 21.
Plough	Jacob Plank	Carlisle, Pa.	April 28.
Plough	Joshua Gibbs	Canton, Ohio	June 2.
Plough, wheel	J. C. Ferguson	Hydesville, Miss.	June 16.
Plough	Timothy Miller	Pittsburg, Pa.	June 22.
Plough	Isaac Snider	Mount Pleasant, Pa.	July 2.
Plough	J. M. Tilford	Murreesborough, Tenn.	July 2.
Rake, horse	James W. Webb	Mount Morris, N. Y.	July 1.
Rake, horse	Erastus S. Root	Mount Morris, N. Y.	February 5.
Rice, hulling	Lewis Cole	New Gloucester, Maine	May 17.
Scythe	Ezra Barnett	Warner, N. H.	June 16.
Straw cutter	Isaac S. Wright	Elbridge, N. Y.	June 16.
Straw cutter	C. D. Skinner and D. Read	Haddam, Ct.	February 3.
Straw cutter	Joseph Everett	Geneva, N. Y.	February 10.
Straw cutter	James Hyde	Darien, N. Y.	February 10.
Straw cutter	James M. Wofolk	Oldham county, Ky.	February 23.
Straw cutter	E. Tarbox and C. F. Kneeland	Ogden, N. Y.	February 21.
Straw cutter	Mallory M. Marshall	Smithfield, Va.	June 22.
Smut and hulling machine	Samuel Richardson	Elmira, N. Y.	July 1.
Smut machine	Abraham Mudge	Canajoharie, N. Y.	February 5.
Smut machine	M. B. Spafford	Gainsville, N. Y.	February 25.
Smut machine	Robert Engle	Burlington county, N. J.	March 8.
Smut machine	Rufus Dennison	Wilton, Maine	June 2.
			July 2.

Smut machine -	Jonas Pratt	Otego, N. Y.	July 2
Smut machine -	W. B. Ryan	Mount Morris, N. Y.	April 28.
Smut mill.	J. P. Town	Mount Morris, N. Y.	June 16.
Thrashing machine	Eleazer Brown	Chenango, N. Y.	January 20.
Thrashing machine	Lewis H. Mans	Danville, Pa.	February 6.
Thrashing machine	Thomas Bedes	Sandwich, N. H.	February 10.
Thrashing machine	James Cooper	Greene county, Ohio	February 20
Thrashing machine	Hugh & J. W. Edgar	Wayne county, Ohio	March 23.
Thrashing machine	Hugh Barelay	Lexington, Va.	April 28.
Thrashing machine	Nicholas Goldsborough	Easton, Md.	May 6.
Thrashing machine	George Bennumont	Mount Pleasant, Pa.	May 6.
Thrashing machine	Jacob S. Rollins	New Gloucester, Maine	June 2.
Thrashing machine	J. Barclay and J. Sprinkle	Rockingham county, Va.	June 20.
Thrashing machine	Porter Cleveland	Yancey Mills, Va.	June 26.
Thrashing machine	Aaron Parsons	Rockfield, Maine	July 2.
Thrashing machine	David Wilson	Johnston, Vt.	February 20.
Winnowing machine	Jonathan Beaune	Montville, Maine	March 31.

FACTORY MACHINERY.

Awl haft	David M. Smith	Gilsom, N. H.	March 31.
Axes, manufacturing	Elisha K. Root	Canton, Ct.	March 30.
Awl haft	William Campbell	Gilsom, N. H.	July 1.
Block for anvil	S. Van Tiers	Hanover Iron Works, Pa.	March 19.
Braces, gum elastic	Ransom Warner	New York, N. Y.	March 18.
Breakers, cylindrical	Smith Oran	New York, N. Y.	June 2.
Car door fastening	John K. Smith	Port Clinton, Pa.	February 12.
Cotton, drying, &c.	John Philbrick	Cold Springs, Miss.	February 12.
Candles, mould	Jefferson Dunlap	New Holland, Pa.	March 8.

LIST OF PATENTS—FACTORY MACHINERY—Continued.

Inventions or discoveries.	Patentees.	Residence.	When issued.
Combs of metal	H. Durell.	New York, N. Y.	1836.
Combs of metal	R. A. Ives	Bristol, Ct.	June 20.
Cotton, roping	William Fowler	Fishkill, N. Y.	July 1.
Cotton, spinning	William P. Brayton	New York, N. Y.	March 23.
Chest, fire-proof	James Matthews	New York, N. Y.	June 25.
Chocolate, grinding	G. W. Waite	New York, N. Y.	June 16.
Chocolate, moulding	G. W. Waite	Baltimore, Md.	June 25.
Drills for metal	William R. Jones	Baltimore, Md.	June 25.
Eliers for spinning	Samuel Ladd	Cranville, N. Y.	January 11.
Elier for spinning	Samuel Ladd	Waltham, Mass.	February 20.
Eliers for cotton spinning	Samuel Ladd	Waltham, Mass.	May 6.
Gimlets, &c.	John Morse	Newton, Mass.	June 25.
Gimlets, forging	William M. Fowler	N. Branford, Ct.	April 28.
Hats, dying	De Grasse Fowler	Wallingford, Ct.	July 2.
Hat block	Aaron Gould	Washington, Ct.	January 11.
Hats, napping	W. W. Jameson	Wheeling, Ohio	March 30.
Hair and oakum, picking	L. Lyon, 2d	Needham, Mass.	April 13.
Hats, palm-leaf	R. B. Lewis	Hallowell, Maine	June 25.
Hemp breaking machine	Frederick Groening	Brooklyn, N. Y.	June 25.
Hemp, &c., spinning	John Pursell	Perryville, Ky.	March 18.
Hinges, butt, &c.	Moses Day	Roxbury, Mass.	June 2.
Hinges, butt	Welcome Whittaker	Troy, N. Y.	March 12.
Iron and steel, making	James Rouse	Troy, N. Y.	May 17.
Latch mortise	William P. Boyden	New York, N. Y.	June 11.
Lever key, and lock	William Coover	Erie, Pa.	February 17.
	Augustus Prutymann	Philadelphia, Pa.	March 4.

Leather-rolling machines
 Leather shaving
 Locks for doors
 Locks, mortise
 Lock, door
 Loom, power
 Lock, door
 Locks
 Loom, power
 Locks for doors
 Locks for doors
 Machinery, regulating
 Napping machine
 Paper-making
 Paper drying
 Pen and pencil case
 Platform balance
 Platform balance
 Pottery, moulding
 Ropes, &c., making
 Ropes and cordage
 Reed making machine
 Safe fire-proof
 Saw-teeth, cutting
 Saws, straightening
 Screws, cutting wooden
 Screws, making
 Screw packing machine
 Serving ropes
 Serving ropes

J. McLaughlin and H. Hill
 Herkimer Johnson
 Solomon Andrews
 P. & E. W. Blake
 James McClory
 F. C. Lewis
 Benjamin Smith
 P. B. Quimby
 Benjamin Lapham
 Almon Roff
 James McClory
 Nathan Schoolfield
 Stephen Marsh
 Charles Forbes
 Henry Howe
 Henry Withers
 C. P. Ladd
 James M. Peck
 J. C. Mendall and R. B.
 Ricketts
 J. Whiteman
 William Fanning
 J. A. Wilkinson
 Daniel Harrington
 Samuel G. Merriman
 E. Rathburn and W. Tinker
 Joseph Peavy
 William Keane
 Stephen Terry
 Adam Montgomery
 Charles Parke

Sunderland, Vt.
 Brooklyn, Ct.
 Perth Amboy, N. J.
 New Haven, Ct.
 New York, N. Y.
 Grafton, Mass.
 Canton, Ct.
 Belfast, Maine
 Waterford, N. Y.
 New York, N. Y.
 New York, N. Y.
 Norwich, Ct.
 Jericho, Vt.
 East Hartford, Ct.
 Shirley, Mass.
 New York, N. Y.
 Strasburg, Vt.
 Lyndon, Vt.
 Masonville, Ky.
 Philadelphia, Pa.
 New York, N. Y.
 Providence, R. I.
 Philadelphia, Pa.
 Southington, Ct.
 Conneaut, Ohio
 Levant, Maine
 Monro, N. Y.
 Decatur, Ga.
 New York, N. Y.
 New York, N. Y.

April 28.
 June 16.
 January 11.
 February 6.
 March 18.
 March 30.
 April 13.
 May 23.
 June 28.
 July 1.
 July 2.
 May 17.
 January 11.
 February 20.
 March 12.
 March 19.
 May 17.
 May 23.
 June 30.
 January 16.
 February 3.
 May 23.
 March 2.
 April 11.
 July 1.
 January 6.
 February 13.
 June 11.
 March 18.
 April 13.

Inventions or discoveries.	Patentees.	Residence.	When issued.
Rivers, excavating from	Sylvanus Russell	Buffalo, N. Y.	1836.
Sewers of hydraulic cement	Obadiah Parker	New York, N. Y.	April 28.
Tunnelling rivers	J. B. Bucklin and J. Jacobs	West Troy, N. Y.	July 2.
Wharves, piers, &c.	John G. Pray	Brooklyn, N. Y.	June 11.
			January 6.

COMMON TRADES.

Bedsteads	Jonas Maguire	Philadelphia, Pa.	January 15.
Boot legs, cramping	William Gerrish	Poland, Me.	February 10.
Boot tree	M. Mathews	Wayne county, Ohio	February 25.
Boots, turning	Peletiah Stevens	Stoughton, Mass.	March 4.
Brick machine	John Moffat	Buffalo, N. Y.	March 8.
Bed bug destroyer	Brittain Garrard	Maryville, Tenn.	March 12.
Bedsteads, cot	Samuel Clark	New York, N. Y.	March 23.
Brick machine	Nathaniel Adams	Newburg, N. Y.	April 13.
Bed, spiral spring	M. F. Moody and B. Eastman	Northampton, Mass.	April 13.
Brick machine	Gooding Holloway	Montgomery county, Pa.	April 21.
Bedstead fastening	Ira McLaughlin	Sunderland, Vt.	April 28.
Balance	Jirah Vaughn	Rutland, Vt.	May 6.
Brooms and brushes	Rhodolphus Kinsley	Cabotville, Mass.	May 17.
Boot tucking machine	Sherburne C. Blodget	Rowley, Mass.	June 11.

Buildings, columns for	Jordan L. Mott	New York	June 11.
Bedsteads	Christian Kniseley	Meadville, Pa.	June 16.
Boot cramp	Hubbard L. Pierce	St. Johnsbury, Vt.	June 25.
Buildings, constructing	Lewis Knapp	New York	June 28.
Bitt stocks	Jeremy Taylor	Hebron, Conn.	June 30.
Brick moulding machine	James Coppuck	Louisville, Ky	July 1.
Bars, andiron	J. Cochran	Batavia, N. Y.	July 1.
Brick machine	Calvin Waterman	Bath, Me.	July 2.
Bolls and spikes, drawing	Richard Haynes	Portsmouth, Va.	July 2.
Balance, platform	John Horton	Madrid, N. Y.	July 2.
Churn	Lyman Whittier	Vienne, Me.	February 10.
Churn	John E. Thomas	Winchester, Ohio	February 12.
Oak and barrel headings	Hiram Andrews	Canaan, Ct.	March 2.
Churn	Amos Hanson	Windham, Me.	March 2.
Cask machine	Sumner King	Suffield, Ct.	March 23.
Churn	Thomas Nicholson	New Market, Va.	March 31.
Cases, glass	Thomas W. Whidly	Paterson, N. J.	April 21.
Coffin, metallic	Charles Merriman, jr.	Middletown, Ct.	April 21.
Churn, dash	James A. Gray	Richmond, Va.	June 11.
Churn	Samuel Jackson	Jay, Me.	June 11.
Churn	Anasa Wharff	New Gloucester, Me.	June 16.
Chair, easy	Samuel Tyler	New Gloucester, Me.	June 25.
Churn	Andrew Wood	Charlestown, Va.	June 28.
Dough, rolling and cutting cracker	Davis Variel	Minot, Me.	July 1.
Dough machine	William R. Nevins	New York, N. Y.	March 2.
Flour cooler	D. and T. Shackford	West Brook	March 2.
Faucet, molasses	Josiah Pope	Windham, Me.	February 5.
Feather cleaning	Charles W. Peckham	New Haven, Ct.	February 10.
Feather dresser	Daniel K. Hall	New York, N. Y.	February 12.
Feather renovator	Sannel Keplinger	Baltimore, Md.	February 12.
Forge, blacksmith's	J. W. Post and R. Collier	Baltimore, Md.	March 2.
	Charles Richardson	Greenfield, N. H.	March 12.

LIST OF PATENTS—COMMON TRADES—Continued.

Inventions or discoveries.	Patentees.	Residence.	When issued.
Feather dressing	Elam Wilbur	Geneva, N. Y.	1836.
Feather dressing	B. and A. Todd	Marietta, Ohio	March 18.
Feather dressing	George Reynolds	East Hartford, Ct.	May 6.
Fence pickets, cutting	J. Tichevor, S. Goodrich, and G. A. Hart		May 23.
Feather dressing	Benton P. Coston	Ithaca, N. Y.	June 22.
Feather dresser	F. P. Knowlton	Philadelphia, Pa.	June 28.
Fly net for horses	Henry Korn	Clermont, N. H.	July 2.
Grooves in corset rings, &c.	Charles Buckland	Philadelphia, Pa.	July 2.
Gongres, making	M. M. Bratnard	Middletown, Ct.	June 2.
Granite dressing machine	J. D. Buzzell	Great Barrington, Mass.	March 4.
Horse collar	John Hopkinson	Cape Elizabeth, Me.	June 2.
Harness, rivetting	William Dukehart	Warren county, Ohio	January 23.
Hat bodies, stiffening	J. P. Keltell and J. Wright	Baltimore, Md.	March 3.
Horse collars, forming	G. Warner and R. Robin- son	Worcester county, Mass.	June 11.
Hides, unhairing	James Banks	Canajoharie, N. Y.	June 22.
Hat bodies, for stiffening	E. P. Spear	Dixmont, Me.	June 30.
Ice cutting machine	Samuel Trask	Lexington, Mass.	July 2.
Ice-breaker	Michael Freytay	Hallowell, Me.	April 21.
Knife, drawing	Edmund Richards	Philadelphia, Pa.	July 2.
Lathe for gun stocks	Abner Town	Hingham, Mass.	June 28.
Locks, door	Abel Cinnant	Woodbury, Vt.	February 25.
Lathe machine	Elihu Smith	Lowell, Mass.	March 12.
Leather, glazed	E. G. Adams	Ithaca, N. Y.	April 28.
		Decatur, Geo.	June 30.

Mortising machine	George Page	Keene, N. H.	March 18.
Mortising machine	Erastus M. Shaw	Wilbranam, Mass.	March 23.
Mortising and boring	George Page	Keene, N. H.	March 13.
Mortising tinbet	George Page	Keene, N. H.	March 21.
Meal, chopping	J. Messer and S. Smith	Meyertown, Pa.	June 2.
Mortising machine	J. C. Channell	Dunstable, N. H.	June 16.
Mortising machine	Samuel F. Babcock	Olstead, N. H.	June 20.
Mattresses, bolsters, &c.	John Hawkins	Stockbridge, Mass.	June 20.
Neck stocks, shaping	A. Salsbury and J. Uram	Troy, N. Y.	July 1.
Patterns for casting	Thomas Goodrum	New York, N. Y.	July 2.
Planing machine	L. H. Mane	Danville, Pa.	February 5.
Pressing water from clothes	Meizer Tnells	Milo, N. Y.	February 10.
Press, brick	Caleb Angerine	New York, N. Y.	February 25.
Pegs, shoe	Phineas Ball	Mount Vernon, Ohio	March 2.
Plane	R. H. Thompson	Rochester, N. Y.	March 23.
Planing machine	J. T. Jones	Philadelphia, Pa.	May 14.
Planing machine	Lorrain Curtis	Sherburne, N. Y.	June 16.
Planing machine	P. M. Mariz	Marion county, Ia.	June 25.
Plane, revolving	Ira Gay	Dunstable, N. H.	June 25.
Rags, cleaning	Leinuel Hedge	Brattleboro', Vt.	June 28.
Saw belt for timber	George Carriell	Manchester, Ct.	July 1.
Saw for felling trees	Benjamin Barker	Ellsworth, Me.	January 6.
Saddles and collars	Walter Hunt	New York, N. Y.	January 6.
Saddlereo	Ebenezer Hall	New York, N. Y.	January 20.
Saw-mill saw	Andrew R. McBride	Williamson county, Tenn.	February 5.
Sausage mow, cutting	B. K. Barker	Johnsburg, N. Y.	February 5.
Saw belt	Ambrase Henkel	New Market, Va.	February 13.
Staves, sawing, &c.	William Carey	Poughkeepsie, N. Y.	February 17.
Stones, boring	A. Bard and S. Heywood	Laneburg, Mass.	February 20.
Soles, cutting	Andrew Turney	Reading, Ct.	February 20.
Sacking bottom	Jonathan Hill	Billerica, Mass.	March 30.
	L. L. Wells	Middletown, Ct.	March 31.
			April 13.

LIST OF PATENTS—COMMON TRADES—Continued.

Inventions or discoveries.	Patentees.	Residence.	When issued.
Shingles, dressing	N. P. Hawk and J. Keyes	Union, N. Y.	1836.
Spring saddle	Peter Crim	Waynestown, Pa.	April 21.
Shoemaking machine	J. Hall	North Bridgewater, Mass.	April 28.
Sawing machine	Joseph Peevy	Levant, Me.	May 6.
Sawing timber	Joshua Webb	Brooklyn, Ct.	May 14.
Stores, building, &c.	Isaac Knight	Baltimore, Md.	May 14.
Stone cutting and planing	A. Clark and C. H. Boynton	West Stockbridge, Mass.	May 23.
Stone cutting machine	J. and J. Sutton	Reading, N. Y.	June 20.
Saddle, elastic	William McCormick	Bath county, Ky.	June 20.
Saddles	Benjamin Kraft	Reading, Pa.	June 20.
Shoes, over	Daniel H. Bond	Canterbury, Ct.	June 20.
Staves, sawing	Charles M. Keller	Washington, D. C.	June 30.
Staves for barrels	Cyrus McGregor	Newport, N. H.	June 30.
Saddle	Orho W. S. Callihan	Staunton, Va.	July 2.
Shingle machine	Tunis J. Burhyte	Barton, N. Y.	July 1.
Saw, rotary	Robert S. Thomas	Rockingham, N. C.	July 1.
Saddles, ladies'	M. Jenkins	Attica, N. Y.	July 1.
Trunks, valises, &c.	James W. Noble	Pittsfield, Mass.	July 1.
Trap, for rats, &c.	Thomas Neill	Herkersville, Ohio	January 15.
Tew irons	John Shingert	Elizabethtown, Pa.	January 23.
Trunks, travelling	Washington Sweetzer	Portsmouth, N. H.	March 31.
Trunks, valises, &c.	William Brown	Brooklyn, N. Y.	July 1.
Tailoring, art of	James Zwisler, jr.	Hagerstown, Md.	July 1.
Washing machine	Joab H. Hubbard	Bloomfield, Ct.	July 1.

Washing machine	.	Luther Davis	.	Norwich, Ct.	February 12.
Washing machine	.	John S. Gear	.	Norwich, Ct.	March 2.
Wood, boring	.	J. B. Pell	.	New York, N. Y.	March 2.
Washing machine	.	Albion P. Arnold	.	Readfield, Maine	March 12.
Washing machine	.	E. Y. Watson	.	Albany, N. Y.	March 23.
Wood-work, joints of	.	S. C. Batchelor and N. S. Thomas	.	Watertown, N. Y.	March 30.
Washing machine	.	Charles Merriman	.	Middletown, Ct.	April 21.
Washing machine	.	Henry Souder	.	Strasburgh, Pa.	April 21.
Wood, sawing	.	Joseph Pinneo, jr.	.	Hanover, N. H.	April 21.
Window blind fastening	.	Jonathan Bacon	.	Bedford, Mass.	April 28.
Washing machine	.	L. R. Prince	.	Beverly, Mass.	May 14.
Washing machine	.	Amory Davidson	.	Littleton, Mass.	June 11.
Washing machine	.	Amos Larcum	.	Troy, N. Y.	June 16.
Window fastenings	.	Marcus Merriman, jr.	.	New Haven, Ct.	June 20.
Wrench rack	.	Alonzo G. Hull	.	Troy, N. Y.	June 20.
Washing machine	.	William Newton	.	Warren county, Ohio	July 1.
Window frame, &c.	.	William Wolley	.	New York, N. Y.	July 1.
Washing machine	.	James H. Little	.	Skaneateles, N. Y.	July 2.

WHEEL CARRIAGES.

Axle, carriage and cars	.	Spencer Coleman	.	Mount Pleasant, Va.	March 2.
Bolt for mail-bags	.	Ira Atkins	.	Hanover, N. H.	February 17.
Boxes, fitting to wheels	.	J. & C. Putnam	.	Hallowell, Maine	April 28.
Cars, rail-road	.	J. Davis and W. Ashdown	.	Baltimore, Md.	March 4.
Carriages, springs for	.	Newel Hungerford	.	Ithaca, N. Y.	March 31.
Cars, rail-road	.	Isaac Knight	.	Baltimore, Md.	April 28.

LIST OF PATENTS—WHEEL CARRIAGES—Continued.

Inventions or discoveries.	Patentees.	Residence.	When issued.
Cars, rail road, attaching	L. Pickering and J. Lightner	Boston, Mass.	1836.
Engines, locomotive	H. R. Campbell	N. L. Philadelphia, Pa.	June 28.
Engines, locomotive, and rail-roads	Isaac W. Edgar	Wayne county, Ohio	February 5.
Horse-detaching	Philip T. Sharo	Baltimore, Md.	July 2.
Sulkey-seat	O. H. Capron and G. Barton, jr.	Baltimore, Md.	March 18.
Tire for wheels	James H. Rogers	Shatteshbury, Vt.	January 23.
Tilts, wagon	Stephen Beebe	Mount Morris, N. Y.	February 17.
Wagons, hanging, &c.	Henry Mellish	Norwich, Ct.	June 22.
Wheels, cartage, confining	Clark Force	Walpole, N. Y.	January 11.
Wheels, cart and carriage	William Woodbridge	Baltimore, Md.	April 28.
Wheels, hubs for	John Atherton	Kennebec, Maine	May 17.
		Philadelphia, Pa.	June 2.

HYDRAULICS.

Hydrant	David Horne	Baltimore, Md.	March 31.
Hydrant	Sater T. Walker	Baltimore, Md.	July 1.
Hydrant	Sater T. Walker	Baltimore, Md.	July 2.
Pump, force	Benjamin Egbert	Lansing, N. Y.	January 23.
Pump, suction	Thomas C. Barton	Washington, N. J.	February 20.
Pump, vibrating	Sampson Davis	Derby, Vt.	February 25.

Pump, double-force	Levi Newton	Alexander, N. Y.	March 8.
Pump, forcing	W. W. Lesner	Venice, N. Y.	March 12.
Pumps, forcing	John F. Rogers	Waterford, N. Y.	March 30.
Pumps, forcing	Nathan Chapin	Penn Yan, N. Y.	March 30.
Pump	J. F. Walker	Easton, Pa.	May 6.
Pump, frictionless	Edward Whitfield	New York, N. Y.	June 2.
Pump	Abram T. Mixwell	Oxford, N. J.	June 30.
Pump, force, double	John G. White	Dryden, N. Y.	July 1.
Valve, slide	A. McCausland, jr.	Philadelphia, Pa.	February 10.
Valve, puppet, raising, &c.	W. Duff and T. Murphy	Baltimore, Md.	February 17.
Water, conveying	Samuel Hant	Baltimore, Md.	March 31.
Water, raising	Joseph Turner	Poland, Maine	May 6.
Water, applying	J. Hinde, M. B. Ball, and S. Pike	Troy, N. Y.	May 14.
Water, raising	Jesse C. Wood	Ephrata, N. Y.	June 22.
Water, raising, by weights	David Hess	Shepardstown, Va	July 1.
Wells, covers of	Levi Kidder	New York, N. Y.	January 15.

CALORIFIC AND STEAM APPARATUS

Baker, reflecting	L. B. Olmsted	Binghamton, N. Y.	January 20.
Blow-pipe for furnace	J. Barker	Baltimore, Md.	February 12.
Chimney-ovens, &c.	Elihu Smith	Ithaca, N. Y.	July 1.
Distilling, cold	A. V. H. Webb	Utica, N. Y.	May 14.
Distilling	Peter Swartz, jr.	Ninney, Pa.	June 25.
Distilling	A. R. Kerr and H. Hoover	Waynesborough, Pa.	July 1.
Fermenting and distilling	Josiah Stowell	Manchester, N. H.	February 5.
Fire-place and stove	Foster Stevens	Springfield, Mass.	March 2.
Fire-places	Elijah Skinner	Sandwich, N. H.	March 12.

LIST OF PATENTS—CALORIFIC AND STEAM APPARATUS—Continued.

Inventions or discoveries.	Patentees.	Residence.	When issued.
Fire-places	William Burgess	Middleborough, Mass.	1836.
Fire-places	William R. Prescott	Hallowell, Maine	March 12.
Fire-places	Reuben Buck	Acton, Maine	March 19.
Fires, extinguishing	Isaac Clowes	Norfolk, Va.	July 1.
Furnace and boiler combined.	Alexander Harrison	New Haven, Ct.	July 2.
Furnace for smelting	Arundius Tiers	Kensington, Pa.	March 9.
Furnace, blast	Benjamin Kugler	Philadelphia, Pa.	April 11.
Grate and cooking-stove	J. J. Giraud	Baltimore, Md.	June 2.
Grate	James Bennett	New York, N. Y.	February 10.
Grates, parlor	William Anderson	New York, N. Y.	May 14.
Grates, pendulum	Nathan Winslow	New York, N. Y.	June 25.
Grate, sliding	John C. Howard	Portland, Maine	July 2.
Heat, management of	Lovell Lewis	Hampton, Ct.	February 13.
Heat, applying, from lime, &c.	Peter Wenn	Leavistown, N. Y.	March 2.
Heating water machine	D. B. Barnum	Philadelphia, Pa.	March 8.
Heating chocolate ingredients	G. W. Waite	New Fairfield, Ct.	June 25.
Heating rooms and ovens	J. A. Pitts	Baltimore, Md.	June 25.
Kitchen range	George Johnson	Winthrop, Maine	July 2.
Lamp, reflecting	John C. Fletcher	Philadelphia, Pa.	May 23.
Lamp burner, light-house	Isaac Dunham	Springfield, Ohio	March 30.
Light and heat, generating	H. L. Barnum	Bristol, Maine	June 20.
Oven	Samuel Pollard	New York, N. Y.	June 2.
Ovens, reflecting	C. D. Van Allen	Orono, Maine	February 3.
Oven baker	Eben B. Strong	Penn Yan, N. Y.	March 31.
Oven	William H. Akins	Buffalo, N. Y.	April 11.
		Berkshire, N. Y.	June 2.

Ovens, heating by anthracite	F. C. Treadwell	Brooklyn, N. Y.	June 16.
Oven, reflecting	Benjamin Ames	Ithaca, N. Y.	June 25.
Safe, fire-proof	Daniel Harrington	Philadelphia, Pa.	March 2.
Salt, supplying	Peter Cooper	New York, N. Y.	February 20.
Salt, making	Richard K. Cralle	Lynchburg, Va.	March 18.
Smoke, consuming	Nathan Lockling	Sparta, N. Y.	March 4.
Spark catcher	Abraham McDonough	Philadelphia, Pa.	February 17.
Spark catcher	Francis Milo	New York, N. Y.	February 25.
Spark catcher	William Shultz	Philadelphia, Pa.	March 31.
Spark extinguisher	James F. Curtis	Boston, Mass.	April 13.
Spark extinguisher	A. Whitney and L. S. Burr	Albany, N. Y.	May 23.
Spark extinguisher	Gabriel Winter	Donaldsonville, La.	July 1.
Stove, air tight	Isaac Orr	Washington, D. C.	January 20.
Stove-pipes	Ezra Ripley	Albany, N. Y.	January 23.
Stove, cooking	R. G. Cochran	Francistown, N. H.	February 3.
Stove, cooking	Daniel Williams	Seaghticoke, N. Y.	February 3.
Steam-engine, rotary	Aaron Clark	Bangor, Maine	February 17.
Still	John Wright	New York, N. Y.	February 20.
Stove, cooking	B. & A. Titus	Marshall, N. Y.	February 25.
Stove or fire-place	C. Hendricks and W. Elwell	Gardner, Maine	February 25.
Stove-caps, rotary	Maynard French	Albany, N. Y.	February 25.
Steam generator	Job Carr	Springborough, Ohio	March 2.
Stove, cooking	John Liddle	Schoharie, Ohio	March 12.
Steam generator	John Ames	Springfield, Mass.	March 12.
Stoves, cook	Charles Vale	Newark, N. J.	March 18.
Steam generator	E. Nott	Schenectady, N. Y.	March 19.
Stove, cooking	O. Wilson	Concord, Mass.	March 23.
Stove	William M. Carmichael	Hempstead, N. Y.	March 23.
Steam-engine, rotary	David Ulam	Greenburg, Pa.	March 23.
Stove	John H. B. Swanzey	Lynn, Mass.	March 30.
Stove, cooking	E. H. Pearson	Warner, N. H.	March 31.

LIST OF PATENTS—CALORIFIC AND STEAM APPARATUS—Continued.

Inventions or discoveries.	Patentees.	Residence.	When issued.
Stove, cooking	Charles Vale	Newark, N. J.	1836.
Stove for carriages	Alexander McWilliams	Washington, D. C.	April 13.
Stoves	Frazier, Blanchard, & Gill	New York, N. Y.	April 21.
Stove, cooking	Jonas Kendall, assignee of J. Perkins	-	April 28.
Stove	F. Frickards	Ipswich, Mass.	April 28.
Stove	Nathaniel Russell	Easton, Pa.	April 28.
Steam-engine	A. S. Dawley	Waterville, Maine	May 14.
Stove, cooking	E. G. Currier	Boston, Mass.	May 23.
Stove, cooking	E. G. Currier	Warner, N. H.	June 2.
Stove for anthracite	Adrian Jones	Warner, N. H.	June 2.
Stove, cooking	Charles Higgins	Hartford, Ct.	June 2.
Stove, conical	Robert Robertson	Turner, Maine	June 2.
Stove, or air-warmer	J. J. Hentzleman	Albany, N. Y.	June 16.
Stove, cooking	William A. Arnold	Philadelphia, Pa.	June 16.
Stove, cooking	Gould Thorp	Northampton, Mass.	June 16.
Stove, cooking	Thomas Shaw	New York, N. Y.	June 25.
Steam-engine, rotary	Shepherd Whitman	North Yarmouth, Maine	June 25.
Steam-boiler	William Avery	New Albany, Ia.	June 25.
Stoves, cooking	Sebastian H. Laciari	Syracuse, N. Y.	June 28.
Stoves	P. F. Perry	Muncingy, Pa.	June 28.
Stove, parlor	James Atwater	Rockingham, Vt.	June 28.
Stove, cooking	Beriah Douglas	New Haven, Ct.	June 30.
Stove, cooking	Beriah Douglas	Albany, N. Y.	June 30.
Stove, cooking	Chester Granger	Albany, N. Y.	June 30.
		Potsford, Vt.	July 2.

Steam-engine, rotary	-	-	-	F. Carpenter	-	Cazenovia, N. Y.	July 2.
Stoves, cooking	-	-	-	Asahel Lear	-	Wendall, N. H.	July 1.
Steam generator	-	-	-	J. Jennings	-	New York, N. Y.	July 1.
Stoves, cooking	-	-	-	E. Andrews and S. Austin	-	Bradford, N. H.	July 1.
Stoves, cooking	-	-	-	Elisha N. Pratt	-	Albany, N. Y.	July 1.
Stove, foot	-	-	-	Ezekiel Daboll	-	Canaan, Ct.	July 1.
Stoves, ventilating	-	-	-	Clement Woodward	-	Washington, D. C.	July 2.
Stove, cooking	-	-	-	P. C. Traver	-	West Troy, N. Y.	July 2.
Stove	-	-	-	Howell Parmalee	-	Watervliet, N. Y.	July 2.
Stove, cooking	-	-	-	Elisha Lyman	-	East Hampton, Mass.	July 2.

MILLS.

Coffee mills	-	-	-	C. W. Peckham	-	New Haven, Ct.	April 13.
Gate flood	-	-	-	Harvey Frink	-	Chautauque county, N. Y.	February 25.
Grain, mill for cutting	-	-	-	William Gerrish	-	Portsmouth, N. H.	January 11.
Grain mill	-	-	-	Oliver Wymau	-	Watertown, Mass.	July 1.
Grist mill	-	-	-	W. and J. McCreight	-	Winsborough, S. C.	February 5.
Metallic mill	-	-	-	Joseph C. Gentry	-	Dayton, Ohio	March 18.
Mill	-	-	-	John Harman, jr.	-	New York	March 30.
Mill-stones, cooling	-	-	-	Austin Taylor	-	Littleton, N. H.	March 31.
Mill-wheel	-	-	-	S. H. Freeman	-	Cecilton, Md.	May 17.
Mill-wheel dresser	-	-	-	John Turk	-	Columbus, Pa.	July 1.
Picks, mill-stone	-	-	-	Samuel Etheridge	-	Tecumseh, Mich.	March 2.
Power, horse	-	-	-	Samuel Newton	-	Dayton, Ohio	January 20.
Power, horse	-	-	-	Dudley Marvin	-	New York, N. Y.	February 5.
Power, horse	-	-	-	Joseph Musten	-	Franklin county, Vt.	February 12.
Power, horse	-	-	-	Richard Skinner	-	Williamson, N. Y.	March 31.
Power, horse	-	-	-	Amos Adams	-	Augusta, Me.	May 6.

LIST OF PATENTS—MILLS—Continued.

Inventions or discoveries.	Patentees.	Residence.	When issued.
Power, horse	Isaac Stranb	Lewistown, Pa.	1836.
Power, horse	C. Coster and D. Penny- packer	Upper Providence, Pa.	May 14. — 500
Power, horse	Rufus Porter	BillERICA, Mass.	May 23.
Power, horse	Win. Whitman	Haverhill, N. H.	June 11.
Power, horse	John Abbott	South Reading, Mass.	June 20.
Power, horse	Charles G. Gilbert	Leeds, Me.	June 30.
Propeller, endless chain	Lewis Chevrier	Philadelphia, Pa.	July 2.
Sawmill	G. W. Black	Montgomery county, Ten.	June 11.
Sawmill, cross cutting	Rufus Riker	Dexter, Me.	February 3.
Sawmill dogs	Martin Rich	Ithaca, N. Y.	February 20.
Sawmill	David Washington	Penn, Mass.	February 25.
Sawmill dogs	Phineas Bennett	Ithaca, N. Y.	February 25.
Sawmill	Isaac Read	Marshfield, Mass.	February 25.
Sawmill	Daniel Gerrish	Boston, Mass.	March 2.
Sawmill blocks	Erastus Rathburn	Conneaut, Ohio	April 11.
Sawmill	James Landers	Alleghany county, Md.	April 11.
Sawmill	W. J. McGhee	Columbus, Geo.	April 28.
Sawmill	T. B. Naylor	Jonesville, N. C.	May 14.
Sawmill	Simon Willard	New York, N. Y.	June 2.
Sawmill	Samuel Goudy	Greensburg, Ky.	June 30.
Water-wheels, twain	William L. Elgar	Winchester, N. H.	July 2.
Water-wheel	Frederick Wingate	Augusta, Me.	February 10.
Water-wheel	Abraham Straub	Milton, Pa.	March 4.
Water-wheel	Carey S. Mercer	Franklin, Md.	March 12.
			March 30.

Water-wheels for mills	J. T. Towne	Mount Morris, N. Y.	April 11.
Water-wheel	William Hitchcock	Spencer, N. Y.	May 23.
Water-wheel	Henry Allen	Fayetteville, Tenn.	June 2.
Water-wheel	Orson Waldo	Newark, N. Y.	June 25.
Water-wheel	Charles Kenzie	Troy, N. Y.	July 1.
Water-wheel	Samuel Garrett	Londonville, Ohio	July 2.
Water-wheel	William F. Brown	Augusta, Me.	July 2.
Wheel, propelling	Aretus A. Wilder	Warsaw, N. Y.	March 8.
Windmill	Job Wilbur	Fall river, Mass.	March 30.

LEVER AND SCREW POWER.

Crane	Elias Marsh	Oswego, N. Y.	February 12.
Cotton, condensing	Arion Man	Smithfield, R. I.	April 28.
Crane	Gilbert Sherwood	Erie, Pa.	June 30.
Packing	J. B. Allen	Richmond, Va.	January 15.
Power, printing press	J. F. Barrett	Granville, N. Y.	January 23.
Power, self-motive	Isaac Adams	Boston, Mass.	March 2.
Press, tobacco	J. J. Giraud	Baltimore, Md.	March 31.
Printing press	A. M. McLean	Russellville, Ky.	February 6.
Printing press	Samuel Kingsley	New York, N. Y.	March 2.
Printing press	Hezekiah Camp	Trenton, Ohio	March 4.
Press, cotton	J. Mitchell	Rutherford, Tenn.	March 12.
Press, hay, &c.	A. R. Chamberlin and A. Clefin	Richmond, Me.	March 30.
Press, hydrostatic	Thomas Baxter	Petersburg, Va.	April 13.
Press, lever	H. G. Guyon	New York, N. Y.	July 2.
Sawing, &c., by lever power	Jeremiah Walker	Philips, Me.	February 25.

LIST OF PATENTS—CHEMICAL COMPOSITIONS—Continued.

Inventions or discoveries.	Patentees.	Residence.	When issued.
Medicine, botanic	Samuel Thompson	Boston, Mass.	1836.
Ores, sweeping and washing	William Davis	New York, N. Y.	May 6.
Pitch, composition	Thomas H. Sherman	Scriba, N. Y.	April 28.
Pot and pearl ash	Elijah Williams	Erie, Pa.	March 4.
Pitch, making	Henry Ruggles	New York, N. Y.	March 8.
Pearl ashes	J. and N. Paree	Litchfield, N. Y.	March 19.
Starch, rice	W. and T. Liversidge	Dorchester, Mass.	May 14.
Sores, curing	Reuben Rood	Centre Lisle, Brown county, N. Y.	February 17.
Tanning	Henry Lochier	Lancaster, Pa.	February 20.
Tanning	Laban Emery	New York, N. Y.	March 18.
Tanning	Simson Heath	Pike, N. Y.	March 19.
Turpentine, spirits, extracting	J. Jennings	New York, N. Y.	May 23.
			July 1.

FINE ARTS.

Piano forte	John Pethick	Mount Morris, N. Y.	February 12.
Piano forte	Isaac Clark	Cincinnati, Ohio	March 2.
Piano forte	H. Hartye	Baltimore, Md.	March 12.

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ALPHABETICAL LIST of patentees from the 1st January, 1836, to the reorganization of the Patent Office, 4th July, 1836, inclusive.

Andrews, Solomon	Batchelor, S. C., and N. S. Thomas
Allen, J. B.	Boyden, Benjamin F.
Allen, Adna	Beane, Jonathan
Atkins, Ira	Boyd, George C.
Adair, William	Boston, R., and T. Bryant
Angerine, Caleb	Baxter, Thomas
Adams, Isaac	Barrett, Asa
Andrews, Hiram	Barclay, Hugh
Ashdows, William, and T. Davis	Blanchard, Frazier, & Gill
Arnold, Albion P.	Bacon, Jonathan
Ames, John	Beaumont, George
Adams, Nathaniel	Brown, Valentine
Adams, Amos	Brown, Valentine
Akins, William H.	Ball, M. B., J. Hinds, and S. Pike
Allen, Henry	Bennett, James
Athertone, John	Bell, William H.
Averill, Isaac W.	Burr, L. S., and A. Whitney
Allen, Henry	Beale, R., and M. Buckland
Arnold, William A.	Barnum, H. L.
Ames, Benjamin	Buzzell, J. D.
Anderson, William	Bucklin, J. B., and J. Jacobs
Avery, William	Blodget, S. C.
Adams, E. G.	Boyden, William P.
Abbott, John	Baldwin, C. B.
Atwater, James	Barnett, Ezra
Alger, Cyrus	Babcock, Samuel E.
Andrews, E., and S. Austin	Boynton, C. H., and A. Clark
Barker, Benjamin	Brooks, Adam
Belt, Charles R.	Brooks, Adam
Buckland, Charles	Barley, J., and J. Sprinkle
Brown, Eleazer	Beebe, Stephen
Barrett, J. F.	Brayton, William P.
Black, George W.	Barnum, D. B.
Briggs, E., and G. G. Carpenter	Bussel, Nathan
Barker, B. K.	Bond, Daniel H.
Blake, P. & E. W.	Banks, James
Beede, Thomas	Burhyte, T. J.
Barker, John	Brown, William
Bard, A., and S. Heywood	Buck, Reuben
Barton, Thomas C.	Brown, William F.
Beard, Ebenezer	Blanc, Jean
Burt, William A.	Chandler, J. P., and P. Ranger
Bennett, Phineas	Carpenter, Warren
Barton, G., jr., and O. H. Capron	Capron, O. H., and G. Barton, jr.
Ball, Phineas	Cochran, R. G.
Brainard, M. M.	Campbell, H. R.
Burgess, William	Casey, William
Beam, Michael	Coover, William

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ALPHABETICAL LIST—Continued.

Clark, Aaron	Calvert, William W.
Cooper, Peter	Dexter, George B.
Cooper, James	Dalkaner, John
Clark, Henry	Davis, Luther
Colt, Samuel	Duff, William, and T. Murphy
Carpenter, G. G., and E. Briggs	Davis, Sampson
Clark, Isaac	Davis, T., and W. Ashdown
Coleman, Spencer	Dunlap, Jefferson
Collins, R., and J. W. Post	Darling, B. B. & M.
Cannon, William P.	Davis, William
Camp, Hezekiah	Dawley, A. S.
Carr, Job	Day, Moses
Conant, Abel	Davidson, Amory
Close, T., and J. C. Sandford	Durell, Henry
Cralle, Richard K.	Dunham, Isaac
Carmichael, William M.	Drummond, John
Clark, Samuel	Douglas, Beriah
Cochran, John W.	Douglas, Beriah
Cochran, John W.	Daboll, Ezekiel
Conradt & Sykes	Dennison, Rufus
Chamberlin, A. R., and A. Clefin	Egbert, Benjamin
Chapin, Nathan	Elgar, William L.
Curtis, James F.	Evered, Joseph
Concklin, J. C.	Eddy, Willard T.
Cochran, John	Elwell, W., and C. Hendricks
Crim, Peter	Etheridge, Samuel
Coster, C., and D. Pennypacker	Emery, Laban
Currier, E. G.	Edgar, H. & J. W.
Currier, E. G.	Eastman, B., and M. F. Moody
Cram, Smith	Engle, Robert
Cram, Smith	Eastman, J. S.
Chevrier, Lewis	Edgar, J. W.
Chapman, G. W.	Fanning, William
Channell, J. C.	Fitzpatrick, Edward
Curtis, Lorrain	Flanders, D., and E. Rathbun
Cole, Lewis	Forbes, Charles
Couillard, S. S., assignees	Frink, Harvey
Clark, Edward	French, Maynard
Clark, A., and C. H. Boynton	Flint, J., and C. Mills
Cleveland, Porter	Fowler, William
Coston, Benton P.	Fletcher, John C.
Cook, Tobias	Fatlee, John
Carpenter, Frank	Frazier, Blanchard, & Gill
Coppuck, James	Force, Clark
Carriel, George	Fowler, William M.
Callihan, O. W. S.	Fitzgerald, R.
Cochran, James	Frickard, F.
Campbell, William	Freeman, S. H.
Clowes, Isaac	Ferguson, J. C.

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ALPHABETICAL LIST—Continued.

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|--|---|
| <p> Freytag, Michael
 Fowler, De Grasse
 Gould, Aaron
 Gerrish, William
 Garnett, James M.
 Gerrish, William
 Giraud, John J.
 Gordon, Edwin
 Geer, John S.
 Garrand, Brittain
 Gentry, Joseph C.
 Granger, John L.
 Gray, Albert G.
 Giraund, J. J.
 Gilman, Elias
 Gerrish, Daniel
 Gill, Frazier, & Blanchard
 Goldsborough, Nicholas
 Goodyear, John, jr.
 Grant, James A.
 Gibbs, Joshua
 Groening, Frederick
 Gay, Ira
 Granger, Chester
 Greenleaf, William C.
 Greenleaf, William C.
 Garret, Samuel
 Goudy, Samuel
 Gerrish, D.
 Guyon, H. G.
 Gilbert, Charles G.
 Goodrum, Thomas
 Hunt, Walter
 Hubbard, Joab H.
 Hale, Ebenezer
 Hopkinson, John
 Hatcher, John W.
 Hedge, Isaac W.
 Hubbard, J. M.
 Hall, Daniel K.
 Howard, Joshua C.
 Henkel, Ambrose
 Hendricks, C., and W. Elwell
 Heywood, S., and A. Bard
 Harrington, Daniel
 Harrison, Alexander
 Hanson, Amos
 Hartye, Henry
 Hanson, Moses R. </p> | <p> Howe, Henry
 Holland, Homer
 Hyde, James
 Harman, John, jr.
 Hungerford, Newell
 Hill, Jonathan
 Hant, Samuel
 Horne, David
 Holloway, Gooding
 Hawk, N. P., and J. Keyes
 Hill, H., and J. McLaughlin
 Hall, James
 Hinds, J. M., B. Ball, and S. Pike
 Heath, Simeon
 Hitchcock, William
 Hotchkiss, Gideon
 Higgins, Charles
 Hentzleman, John J.
 Hawkins, John
 Hull, Alonzo G.
 Harrison, T. C.
 Houston, J., A. Hinman, and J. In-
 graham
 Hascall, J., and H. Moore
 Hedge, Lemuel
 Hopper, J., and A. Douty
 Hess, David
 Haynes, Richard
 Horton, John
 Jones, William R.
 Judd, Sturges M.
 Jemeson, William W.
 Jones, John T.
 Jenkins, Elias
 Johnson, George
 Ives, Joseph S.
 Jones, Adrian
 Jacobs, J., and J. B. Bucklin
 Jackson, Samuel
 Johnson, Herkimer
 Ingraham, J., A. Hinman, and J.
 Houston
 Jennings, Isaiah
 Ives, R. A.
 Ives, Joseph
 Jennings, Isaiah
 Jenkins, William
 Kidder, Levi
 Kidder, Levi </p> |
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ALPHABETICAL LIST—Continued.

Keplinger, Samuel
 Keane, William
 Kingsley, Samuel
 Kepner, Samuel
 Keith, Edwin
 Kelsey, Melville
 King, Sumner
 Keyes, J., and N. P. Hawk
 Kendall, Jonas
 Knight, Isaac
 Kinsley, Rhodolphus
 Knight, Isaac
 Kugler, Benjamin
 Kettel, J. P., and J. Wright
 Kniseley, Christian
 Kneeland, C. F., and E. Tarbox
 Kraft, Benjamin
 Knapp, Lewis
 Keller, Charles M.
 Kenzie, Charles
 Kerr, A. R., and H. Hoover
 Knowlton, F. P.
 Korn, Henry
 Long, Stephen K.
 Liversidge, W. & T.
 Ladd, Samuel
 Lewis, Lovell
 Lockling, Nathan
 Lesner, William W.
 Liddle, John
 Lochier, Henry
 Lewis, Francis C.
 Lyon, L., 2d.
 Landers, James
 Lockling, Nathan
 Ladd, Samuel
 Ladd, C. P.
 Larcum, Amos
 Lewis, Robert B.
 Lapham, Benjamin
 Laciur, S. H.
 Loomis, William
 Lear, Asabel
 Lyman, Elihu
 Littell, J. H.
 Manning, James
 Marsh, Stephen
 Mellish, Henry
 Magnitz, Jonas

McBride, Andrew R.
 McLean, A. M.
 Marvin, Dudley
 McCreight, W. & J.
 McCreight, W. & J.
 Mans, Lewis H.
 Mann, Lewis H.
 Morrison, Samuel
 McCausland, A., jr.
 Marsh, Elias
 Mustin, Joseph
 McDonough, Abram
 Milo, Francis
 Mudge, Abraham
 Matthews, Matthew
 Murphy, T., and W. Duff
 Mills, C., and J. Flint
 Means, J., and D. Prouty
 Moffat, John
 Morse, Andrew
 Mitchell, J. C.
 Montgomery, Adam
 McClory, James
 Mackie, Patrick
 Mercer, Carey S.
 McCaine, A. M.
 Merriman, S. G.
 Moody, M. F., and B. Eastman
 Merriman, Charles
 Merriman, Charles
 McWilliams, Alexander
 McLaughlin, Ira
 Man, Arlon
 McLaughlin, J., and H. Hill
 McGhee, William J.
 Morgan, John
 Masser, J., and S. Smith
 Mott, Jordan L.
 Matthews, James
 Merriman, Marcus, jr.
 McCormick, William
 Martz, P. M.
 Morse, John
 Mellish, Henry
 Moore, H., and J. Hascall
 Mix, William
 Mendall, J. C., and R. B. Ricketts
 Mixwell, Abram T.
 Miller, Timothy

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ALPHABETICAL LIST—Continued.

McGregor, Cyrus
 Marshall, M. M.
 Marsh, Johnson
 McClory, James
 McCreight, James
 Noble, James W.
 Newton, Samuel
 Noble, Philip
 Niell, Thomas
 Neal, Henry G.
 Newman, Francis H.
 Nevins, William R.
 Newton, Levi
 Nott, Eliphalet
 Nicholson, Thomas
 Naylor, T. B.
 Newson, J. W.
 Newton, William
 Orr, Isaac
 Olmstead, L. B.
 Peavy, Joseph
 Pray, John G.
 Pollard, Samuel
 Pope, Josiah
 Peckham, Charles W.
 Pethick, John
 Philbrick, John
 Poague, J. B. and W. F.
 Pardie, William
 Pell, John B.
 Post, J. W., and R. Collier
 Prutzman, Augustus
 Prouty, D., and J. Means
 Pursell, John
 Page, George
 Prescott, William R.
 Pitts, H. W.
 Pearson, B. H.
 Peeler, David
 Park, Charles
 Peckham, C. W.
 Page, George
 Page, George
 Pinneo, Joseph, jr.
 Putnam, J. and C.
 Pike, S. M., B. Ball, and J. Hinds
 Peevy, Joseph
 Prince, L. R.
 Parce, J. and N.

Peck, James M.
 Pennypacker, D., and C. Coster
 Plank, Jacob
 Porter, Rufus
 Pierce, Hubbard L.
 Pickering, L., and J. Lightner
 Perry, P. F.
 Pratt, E. N.
 Pitts, J. A.
 Parmalee, Howell
 Parker, Obadiah
 Parsons, A.
 Pratt, Jonas
 Quimby, P. A.
 Ripley, Ezra
 Richardson, Samuel
 Roberts, Hezekiah
 Ring, Zebedee
 Rodgers, James H.
 Riker, Rufus
 Rood, Reuben
 Ralph, Joseph
 Rich, Martin
 Ranger, P., and J. P. Chandler
 Rathburn, O., and D. Flanders
 Read, D., and C. D. Skinner
 Reed, Isaac
 Richardson, Charles
 Ruggles, Henry
 Rogers, John F.
 Root, Elisha K.
 Rend, Nathan
 Rathburn, Erastus
 Reading, Pearson
 Rynn, William B.
 Robbins, Austin H.
 Russell, Nathaniel
 Root, Erastus S.
 Rouse, James
 Reynolds, George
 Rollins, Jacob S.
 Robertson, Robert
 Robbins, Hildreth
 Robeson, R., and G. Warner
 Richards, Edmund
 Rickets, R. B., and J. C. Mendall
 Reading, Pearson
 Roff, Almon
 Rathburn, E., and W. Tinker

CLASSIFIED LIST of letters patent granted from the 4th day of July, 1836, to the 1st day of December, 1836, with the names of patentees, residence, and date of patent.

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AGRICULTURE.

Inventions or discoveries.	Patentees.	Residence.	When issued.
Cotton planter -	Henry Blair	Glencross, Md.	1836.
Corn sheller -	I. C. Baldwin	Staunton Va.	August 31.
Cultivator, or hoe-harrow	N. J. Shull	Beisalem, Pa.	October 11.
Plough, combined, (issued November 12, 1830.			November 26.
Reissued)	Samuel Cline	Berks county, Pa.	October 15.
Plough -	B. Woodcock	Mount Pleasant, Pa.	November 23.
Scythe -	S. Lamson	Cummington, Mass.	October 29.

FACTORY MACHINERY.

Blocks, ship's, finishing wooden sheaves for	Thomas Blanchard	New York, N. Y.	August 1.
Blocks, ship's, rounding edges and ends of	Thomas Blanchard	New York, N. Y.	August 10.
Blocks, ship's, mortising and boring solid wooden shells of	Thomas Blanchard	New York, N. Y.	August 10.
Blocks, ship's, forming end-pieces of plank for	Thomas Blanchard	New York, N. Y.	August 10.
Blocks and dead-eyes for ships, cutting scores around	Thomas Blanchard	New York, N. Y.	August 10.
Blocks, ship's, riveting plank, ship tackle	Thomas Blanchard	New York, N. Y.	August 10.
Blocks, ship's, cutting sheaves and pins, and boring sheaves of	Thomas Blanchard	New York, N. Y.	August 10.
	Thomas Blanchard	New York, N. Y.	August 31.

Blocks, ship's, tackle, countersinking to receive bushes in	Thomas Blanchard	New York, N. Y.	August 31.
Blocks, ship's, forming or shaping the cheeks of plank of mado ships	Thomas Blanchard	New York, N. Y.	August 31.
Bits, spiral, for cutting screws	George Page	New Hampshire	November 17.
Cotton, double speeder for roving of, (reissued)	Aza Arnold	North Providence, R. I.	August 10.
Cylinders, construction of, for drying paper	H. P. Howe	Shirley, Mass.	September 20.
Dead-eyes for cutting and boring holes in lard scores	Thomas Blanchard	New York, N. Y.	August 10.
Flax, hemp, and Manilla grass, combing and separating fibres of	S. Couillard, jr.	Boston, Mass.	October 19.
Looms, power, graduating take-up motion of	H. Hendrick	Killingly, Ct.	September 22.
Loom, power, take-up motion	John P. Cœmins	Killingly, Ct.	October 20.
Loom for weaving cloth for stocks	Conrad Kile	Philadelphia, Pa.	October 11.
Screws and rivets, wooden, manufacture of	J. H. Pierson	Ramapo, N. Y.	November 26.
Screws, wood or other, cutting threads of	H. Crain	Clarks town, N. Y.	November 14.
Screws, wood, nicking, or cutting notches in heads of	J. H. Pierson	Ramapo, N. Y.	November 26.
Wool, or other fibrous material, manufacture of, (reissued)	John Gouling	Boston, Mass.	July 29.
Wool, hair, or other material, forming web without spinning or weaving	J. Arnold and G. G. Bishop	Norwalk, Ct.	October 20.
Wool, picking and breaking of, and ginned or seedless cotton	John Shly	Augusta, Ga.	October 27.

LAND WORKS.

Rail-roads, turnouts for	John Talbot	Portsmouth, Va.	October 11.
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LIST OF PATENTS—COMMON TRADES.

Inventions or discoveries.	Patentees.	Residence.	When issued.
Boots, clamps for crimping of .	E. G. Pomeroy .	Newark, Ohio	1836.
Boots, machine for turning legs of .	Thomas N. Saddler	Spencer, Mass.	October 4.
Dye wood and stuffs, machine for cutting and shaving .	B. Swift .	-	November 8.
Door plates .	J. S. Richardson .	Washington, N. Y.	August 10.
Granite, hammering and dressing of .	William Morse .	Boston, Mass.	October 15.
Harness, pad, elastic water-proof .	A. Deitz .	Corrina, Maine	September 5.
Hats, elastic ventilating .	D. Greenleaf .	Albany, N. Y.	October 14.
Knobs, ferule, for doors and furniture .	E. Robinson, F. Draper and J. H. Lord .	Vicksburg, Miss.	November 26.
Lamps, hanging of .	Alonzo Platt .	Cambridge, Mass.	October 20.
Lathe .	Enos and Nelson Avord .	Boston, Mass.	October 8.
Mortising machine .	David Clark .	Middletown, Ct.	October 12.
Planing machine .	William Woodworth .	Westfield, Mass.	October 14.
Rope-yarn, putting up of .	James H. Echols .	Brooklyn, Ct.	November 15.
Rags, dusting of .	E. Burt and Geo. Carriel .	New York, N. Y.	October 29.
Saddles, springs for .	William Duchman .	Lynchburg, Va.	November 28.
Shingles, sawing of .	Jonathan Hobbs, jr. .	Manchester, Ct.	November 28.
Saddles, side .	E. Bridewell .	Morgantown, Pa.	August 31.
Spoons, silver, manufacture of .	J. Brockway .	Falmouth, Maine	September 14.
Saws, filing teeth of .	Elijah Stoker .	Bardstown, Ky.	November 20.
Springs for sofas, chairs, &c., (improvement— added to patent of November 23, 1835)	Ed. Cherrington .	Troy, N. Y.	September 20.
Veneers, laying on ogee and other mouldings .	John Soule .	Sent to Georgetown	November 8.
Veneers, cutting of .	James Hamilton .	Boston, Mass.	November 23.
		New Bedford, Mass.	August 31.
		New York, N. Y.	November 10.

Weavers' reeds, machine for polishing iron and brass wire for	A. Wilkinson	Providence, R. I.	August 31.
Windows and shutters, mode of fastening	Neal Hall	Cumberland, Maine	October 11.
Weavers' harness	and Jotham Chase	York county, Maine	October 20.
Weavers' harness, (August, 1834. Reissued)	John Blackmar	Brooklyn, Ct.	October 20.
	John Blackmar	Brooklyn, Ct.	October 20.

WHEEL CARRIAGES.

Locomotive steam-engines for inclined planes	John Ruggles	Thomaston, Maine	July 13.
Locomotive steam-engine	Francis Barker	Baltimore, Md.	September.
Wagons, coaches, and breaks for	Henry West	Quincy, Mass.	September 29.

HYDRAULICS.

Pump, frictionless	Charles V. Card	New Bedford, Mass.	November 26.
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CALORIFIC AND STEAM APPARATUS.

Drying sawdust for steam sawmills	William Avery	Syracuse, N. Y.	October 11.
Furnace for warming buildings	Fred. A. Fickhardt	Easton, Pa.	September 8.
Generating power and motion by alternate expansion and contraction of metals	Hazard Knowles	Hartford, Ct.	September 8.
Grate, or portable fire-place	James Williamson	Washington, D. C.	November 8.

LIST OF PATENTS—CALORIFIC AND STEAM APPARATUS—Continued.

Inventions or discoveries.	Patentees.	Residence.	When issued.
Gridiron and spider	A. and George Sizer	Meriden, Ct.	1836.
Lamps	Isaiah Jennings	New York, N. Y.	November 14.
Lamps, (October 16, 1830. Reissued)	Isaiah J nnings	New York, N. Y.	September 22.
Matches, friction	Alonzo D. Phillips	Springfield, Mass.	September 22.
Stove, Franklin	John Harriman	Haverhill, Mass.	October 24.
Steam boiler	J. W. and E. Strange	Taunton, Mass.	September 29.
Stove, cooking, (December 16, 1833. Reissued)	Elisha Town	Montpelier	September 29.
Steam boiler, purifying water for	Moody Park	Madison, Ia.	September 28.
Steam, generating of	M. W. Baldwin	Philadelphia, Pa.	October 4.
Stove, cooking	John Whiting	Boston, Mass.	October 15.
Stove, revolving cooking, (Dec Reissued, December 2, 1835, and November 16, 1836. Reissued)	Henry Stanley	Poultney, Vt.	October 20.
Stove, parlor and cooking	Nicholas Smith	New-Hampton, N. H.	November 28.
Stove, cooking	S. B. Spalding	Brandon, Vt.	October 27.
Steam, safety, engine	Ed. D. Tippet	Washington, D. C.	November 17.
Steam-engine, reacting rotary	John Ingraham	Apulia, N. Y.	November 23.
Stoves and fire-places	J. L. Mort	New York, N. Y.	November 28.
Valves, safety, for steam boilers	Samuel Raub, jr.	Wilkesbarre, Pa.	October 11.
Ventilating and supplying houses with hot or cold air	R. Mayo and R. Mills	Washington, D. C.	November 8.
			October 24.

MILLS.

Motion, reciprocating rectilineals converted into continuous circular .	Benjamin Babbett .	Bangor, Maine .	October 11.
Mills, saw, endless side chain carriages for .	James Murray .	Baltimore, Md. .	October 11.
Mill, saw, crank .	Benjamin F. Snyder .	Elmira, N. Y. .	September 29.
Power, horse, endless chain inclined plane .	O. Badger .	Cooperstown, N. Y. .	October 15.
Power, horse .	Daniel Fitzgerald .	New York, N. Y. .	October 19.

LEVER AND SCREW POWER.

Press, double hydrostatic oil, (August 19, 1832. Reissued) .	O. Badger and O. Lull .	Otsego, N. Y. .	October 5.
Press, hand. printing .	Fredrick J. Austin .	New York, N. Y. .	October 8.

SURGICAL INSTRUMENTS.

Razors, case and sharpener .	E. M. Pomeroy .	Wallingsford, Ct. .	October 19.
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MATHEMATICAL AND PHILOSOPHICAL INSTRUMENTS.

Maps, charts, &c., apparatus for exhibition of .	Nathaniel K. Lombard .	Boston, Mass. .	October 27.
Pencil, ever pointed, and pen case .	Jacob J. Lownds .	Philadelphia, Pa. .	September 22.

ALPHABETICAL LIST—Continued.

Williamson, James Woodworth, William	Wilkinson, Arnold 97
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I hereby certify that the foregoing is a correct list of all the patents granted from the 4th day of July, 1836, to the 1st day of December, 1836.

HENRY L. ELLSWORTH,

Commissioner of Patents.

PATENT OFFICE, *January*, 1837.

PATENTS FOR INVENTIONS—EXPIRED IN 1836.

LETTER

FROM

THE SECRETARY OF STATE,

TRANSMITTING

A list of all patents for useful inventions which have expired within the year 1836.

FEBRUARY 25, 1837.

Read, and laid upon the table.

DEPARTMENT OF STATE,
Washington, February 23, 1837.

SIR: I have the honor to report a list of all the patents for discoveries, inventions, and improvements, which have expired within the year 1836, with the names of the patentees alphabetically arranged. The act of July 3d, 1832, which makes it the duty of the Secretary of State to transmit such report, annually, to Congress, appears to have been repealed by the act of the last session, entitled "An act to promote the progress of useful arts, and to repeal all acts and parts of acts heretofore made for that purpose;" but, as the document is believed to be one of great utility and interest to the public, and as the repeal of the provision for its transmission which was contained in an act that embraced other regulations on the subject of patents may have been inadvertently made, it has been thought best, for the present year, to comply, as far as practicable, with the injunctions of the law of 1832, both in regard to the transmission of the report to Congress, and its publication in the newspapers. This course, however, will not be pursued in future years, without the further direction of Congress.

The omission to make the report within the month of January, as specified in the act, was owing to the destruction of the papers and records of the Patent Office by the fire which occurred in December last.

I have the honor to be, sir,

Your obedient servant,

JOHN FORSYTH

To the honorable the SPEAKER
of the House of Representatives.

Blair & Rives, printers.

A LIST of all the patents for discoveries, inventions, and improvements, which have expired within the year 1836.

Names of patentees.	Residence.	Inventions, discoveries, or improvements.	Date of patent.
Ames, John	Springfield, Mass.	Paper making	1822.
Allen, William H., U. S. N.	Dead	Rigging to mast heads	May 14.
Andrews, Robert	Fleming county, Ky.	Kiln for drying grain	April 25.
Bottom, John	Warren, N. Y.	Clover seed machine	November 7.
Burden, Henry	Albany, N. Y.	Flax and hemp machine	January 28.
Bailey, Jeremiah	Chester county, Pa.	Grass and grain machine for mowing	June 15.
Blake, Thatcher	Paris, Maine	Hulling grass seed	February 13.
Beadle, Henry	Wallingford, Ct.	Winnowing machine	July 12.
Baker, Luke	Putney, Vt.	Axe, pick	March 30.
Brooks, Samiel	New York, N. Y.	Hair, separating from skins	January 15.
Barnett, Thomas	Philadelphia, Pa.	Tar, pressing out of yarn for cordage	April 4.
Butters, Joshua	Boston, Mass.	Leather, splitting	May 20.
Bent, William	Philadelphia, Pa.	Skins, splitting	May 31.
Ball, Daniel	Ballstown, N. Y.	Gridirons	June 17.
Brown, Beriah	Exeter, R. I.	Picker, wool	August 29.
Bolles, Lemuel	New York, N. Y.	Nails, manufacturing	September 2.
Beach, Joseph	Middletown, Ct.	Saw-setting machine	September 19.
Ball, William	New York, N. Y.	Blubber knife	October 28.
Baldwin, Enos	Do.	Truss, cast iron	April 25.
Bender, George	Do.	Locks for canals	July 31.
Blair, Sherman	New Haven, Ct.	Sole, elastic spring	August 26.
Brewer, Henry	New York, N. Y.	Drawers for wearing	February 2.
Brower, William	Rensselaer county, N. Y.	Socks for over-shoes	February 28.
Brown, John B., and J. Farmer	Boston, Mass.	Horse shoes	March 6.
			March 11.

Butters, Joshua	Boston, Mass.	Leather, splitting	May 31.
Brown, E., and A. Kieth	Winfield	Churn	June 19.
Bent, William	Philadelphia, Pa.	Machine for splitting skins	June 17.
Buffum, Arnold	Smithfield, R. I.	Boots and shoes, water proof	December 22.
Barron, James	Norfolk, Va.	Stove	May 14.
Burns, Robert	Mifflin county, Pa.	Mills, increasing the power of	June 20.
Bicknell, John	Buckfield, Maine	Grinding grain	December 11.
Brown, Benjamin F.	New York, N. Y.	Press-frame, standing	March 2.
Barron, James	Norfolk, Va.	Lever angles	May 14.
Brockway, J. C. M.	Lyme, Ct.	Pills, anti-dysenteric	March 13.
Baker, A. C., and M. T.	Albany, N. Y.	Transferring impressions from paper to wood	February 7.
Biddle	New York, N. Y.	Bleaching unrotted flax and hemp	August 27.
Cumberland, William	Do.	Flax and hemp machine	July 9.
Cumberland, William	Do.	Flax and hemp, unrotted	November 29.
Carpenter, Bailey	Somersetown, N. Y.	Plough share	July 1.
Clute, Peter J.	Schenectady, N. Y.	Plough	November 16.
Cranston, Samuel	Cumberland, R. I.	Spring shuttle spindle	March 20.
Casc, Elisha	Canton, Ct.	Scrapet, or team shovel	April 23.
Clark, Pascal	Brooklyn, Ct.	Washing machine	January 17.
Clark, Samuel	Morris county, N. J.	Churn	October 4.
Cozzens, Frederick S.	New York, N. Y.	Distilling	July 27.
Collins, Samuel	Springfield, Mass.	Forge, hollow fire	September 11.
Colden, Cadw. D.	New York, N. Y.	Salt, manufacturing	December 14.
Cornelius, Christopher	Philadelphia, Pa.	Lamps, light-house	December 28.
Davison, Samuel	Romulus, N. Y.	Flax brenting machine	May 17.
Ducher, Josiah	Durham, N. Y.	Plough, cast iron	February 12.
Denny, John	Queen Anne county, Md.	Floating vessels	October 3.
Davis, David St. L.	Hibernia, Tenn.	Kiln for drying malt by steam	August 30.
Dew, Sam.	Romney, Va.	Compass, universal	April 13.
Eastman, John S.	Baltimore, Md.	Cleaning grain from straw	January 29.

LIST—Continued.

Names of patentees.	Residence.	Inventions, discoveries, or improvements.	Date of patent.
Elmer, T., and J. Pierson	Bridgetown, N. J.	Wheel, polygonal, and chain paddles	1822.
Elford, James L.	Charleston, S. C.	Telegraph	January 21.
Earle, William	Boston, Mass.	Shingle machine	June 18.
Elder, William	New Brunswick, N. J.	Fermenting apple cider	December 28.
Elliott, James	Philadelphia, Pa.	Bark mill	August 21.
Fairebild, R. and D.	Fairfield, Ct.	Saddletrees	May 24.
Fisher, J. S., and L. W. Talbot	Dedham, Mass.	Dough, kneading	March 6.
Follet, Francis	Petersburg, Va.	Window-sashes	April 23.
Farr, Bela	Norwich, N. Y.	Truss, improvements on Hull's	October 15.
Force, Peter	Washington, D. C.	Paper hangings, printing	March 9.
Freeman, Philip	Amboy, N. J.	Pressing, and hoisting, and lowering machine	August 22.
Goodsell, Namon	Paris, N. Y.	Flax and hemp machine	February 20.
Gill, C. B., and James Gill, (B. C.)	Chester, S. C.	Plough	September 19.
Gibson, John	Montgomery county, N. Y.	Plough	March 25.
Giltman, R.	New York	Thrashing and winnowing	May 20.
Green, E., and M. Blackestee	Litchfield, Ct.	Timber bending	April 23.
Grundy, Rufus	New York	Saw-setter	March 20.
Gray, George H. D.	Southampton, Va.	Tide or current mill	December 21.
Gue, John	Waterford, N. Y.	Windmill machinery	September 25.
Goucher, F.	Philadelphia, Pa.	Washing machine	December 31.
Glendinning, A.	Butler county, Va.	Washing machine	June 15.
Grieme, Philip	Brandywine, Pa.	Distilling	September 25.
Carey, Jeremiah	Baltimore, Md.	Cock, metallic screw	April 17.
			April 23.

Howe, Timothy	Turner, Maine	Threshing machine	December 3.
Hawkins, G. W., and H. Emery	Windsor county, Vt.	Plough, cast iron	February 16.
Houck, Jacob	New Market, Md.	Razor strop	January 24.
Hyde, Reuben	Winchester, Mass.	Pales, for fencing; machine for making	April 19.
Haden, Benjamin, jr.	Trenton, N. J.	Churn	June 15.
Hallon, Thomas	Philadelphia, Pa.	Steam-engine	February 28.
Holley, Philologus	Red Hook, N. Y.	Stone, cutting	March 1.
Hitchcock, Lennel	Wentersfield, Vt.	Stoves and fire-places	May 4.
Higgins, Ebenezer	Saratoga, N. Y.	Engine, fire	April 27.
Hall, William	Boston, Mass.	Isinglass	March 23.
Hastings, John	Cambridge, Mass.	Isinglass	August 14.
Hedle, Paulus	New York, N. Y.	Railings, ornamenting the tops of iron and other	February 21.
Heald, E.	Norridgewock, Me.	Cloth machine for shaving	December 4.
Hallock, John	Egg Harbor, N. J.	Oil press	July 22.
Hascall, J. D.	Lekay, N. Y.	Grist-mill	March 9.
Hendryx, Josiah J.	Bennington, Vt.	Scale, for measuring	May 29.
Holcomb, A.	Litchfield, N. Y.	Fire-arms	October 31.
Ives, John	Bristol, Ct.	Clock cases	March 21.
Justin, James	Pittsburg, Pa.	Washing and grinding	April 19.
Judd, Ebenezer W.	Middlebury, Vt.	Marble, sawing machine	August 14.
James, Deming	Cambridge, Mass.	Tubes for glass lamps	February 2.
Jordan, Daniel C.	New York	Saw-setter	December 2.
Kembell, Ephraim	Fitchburg, Mass.	Scythes, manufacture	January 17.
Kenrick, Charles	New York	Waistcoat and pantaloons	February 8.
Keith, A.	Winfield, N. Y.	Skins, spitting	June 19.
Kellenback, Balth J.	Philadelphia, Pa.	Stall	October 17.
Loomis, William	Ashford, Ct.	Clover seed machine	April 27.
Laporte, Peter	Richmond, Va.	Bridle	August 15.
Lockwood, S., and W. Love-land	Little Falls, N. Y.	Engine, fire	April 16.

LIST—Continued.

Names of patentees.	Residence.	Inventions, discoveries, or improvements.	Date of patent.
Lewis, Charles, and C. Tay- for	Poughkeepsie, N. Y.	Throstle, spindle	1822.
Leman, Ebenezer, jr.	Boston, Mass.	Locks	January 26.
Lyman, George	Charles parish, La.	Wheel, inclined	November 28.
Leah, Robert	Delhi, N. Y.	Vertical tide wheel	March 4.
Moore, Robert	Rowan county, N. C.	Buds, delaying from blossoming	May 31.
McDonald, James	New York	Flax and hemp machine	March 16.
McDonald, Major	Topsham, Me.	Thrashing and winnowing machine	August 31.
Mark, J. A.	Philadelphia, Pa.	Glue, manufacturing	July 9.
McNamara, Charles	Northbridge, Mass.	Scythes	October 3.
Maltby, Benjamin	New York, N. Y.	Loom, domestic	January 30.
Mason, D. H.	Philadelphia, Pa.	Plates, for engraving and printing, metallic	April 13.
Morrow, John, and R. Mc- Kee, jr.	East Hartford, Ct.	Gunpowder	May 17.
Messer, Asa	Providence, R. I.	Flumes for mills	April 19.
Mitchell, James	Philadelphia, Pa.	Sugar, machine for breaking	November 19.
Mane, Honoré	Pt. Coupee, La.	Brick moulding machine	September 11.
Magine, Joseph	Baltimore, Md.	Fire-places	November 23.
McMinn, Robert	Philadelphia, Pa.	Stove for burning Lehigh coal	February 4.
McAllister, David	Brookfield, Vt.	Heating liquids in wooden cisterns	June 24.
Mingle, Philip L.	Do.	Stove for Lehigh coal	July 15.
Morris, John	New Haven, Ct.	Shoes, stop	October 24.
Norris, S., and J. C. Wood	Philadelphia, Pa.	Shoes, socks, &c.	May 15.
Null, Anthony	Do.	Saddletrees	January 30.
Oakes, Joshua	Boston, Mass.	Lights, glass, for ships	August 29.
			May 11.

Pennoyer, Samuel	Cross River, N. Y.	Cotton gin	July 24.
Peacock, David	Northampton, N. Y.	Plough	June 21.
Pennoek, Moses	East Marlborough, Pa.	Horse-rake	June 26.
Pope, Joseph	Hallowell, Maine	Thrashing and winnowing machine	July 30.
Puylin, James	Philadelphia, Pa.	Bank notes	August 13.
Perry, Ely	Portsmouth, Ct.	Clock, wooden wheel	May 26.
Prouty, Russell	Spencer, Mass.	Wire, drawing card	January 19.
Phebus, William	New York, N. Y.	Windmills	January 24.
Petlee, Seneca	Salisbury, Ct.	Sleigh-shoes	October 1.
Pearson, Daniel	Boston, Mass.	Telegraph, domestic	March 2.
Pierce, John J.	Greenfield, Mass.	Stove, open cooking	March 11.
Plantou, Julia	Philadelphia, Pa.	Stove, foot	November 4.
Read, Nathan	Belfast, Maine	Machine for hulling coffee	September 10.
Robinson, G. W.	Attleborough, Mass.	Furnaces, making	August 19.
Rodgers, John	Washington, D. C.	Railway, marine	June 24.
Rolph, Social	Albany, N. Y.	Water, raising	November 16.
Ritter, David	New Haven, Ct.	Razor-strops	March 9.
Rolfe, B.	Deering, N. H.	Brick-press	April 30.
Richards, Spencer	Attleborough, Mass.	Buttons, finishing glass	August 19.
Richardson, William H.	Baltimore, Md.	Gunpowder, granulating	August 3.
Schnart, William G.	Orange county, N. Y.	Plough, cast iron	February 5.
Schoonmaker, J. J., and J. Dolson	Ulster & Dutchess co., N. Y.	Plough, cast iron	December 7.
Savage, Alvin	Wheatland, N. Y.	Thrashing and winnowing machine	March 28.
Sharp, John	Whitestown, N. Y.	Yarn, spinning woollen	March 13.
Sarchet, John	Philadelphia, Pa.	Holes, machine for punching	April 2.
Skinner, Elijah	Sandwich, N. H.	Fender for fire-places	April 19.
Spafford, H. G.	Albany, N. Y.	Steel, making cast or wrought	October 30.
Spafford, H. G.	Do.	Iron or steel, making	October 30.
Spafford, H. G.	Do.	Tools, making edge	December 19.
Smith, James	Baltimore, Md.	Vaccination	July 10.

LIST—Continued.

Names of patenters.	Residence	Inventions, discoveries, and improvements.	Date of patent.
Shaw, Joseph	Philadelphia, Pa.	Percussion guns	1822.
Stewart, James	Boston, Mass.	Piano-fortes, sounding boards for	June 19.
Smith, Peter	New York, N. Y.	Printing press	November 14.
Seely, Richard	Do.	Lever to raise bodies perpendicularly	April 6.
Seal, Robert	Delhi, N. Y.	Wheel, vertical tide	July 1.
Stubbs, J. E., and J. Bonner	Cincinnati, Ohio	Brick and tile	May 31.
Skinner, Charles W.	Norfolk, Va.	Ventilating vessels	May 10.
Spalding, Stephen	Colchester, Ct.	Fire-places	August 23.
Seymour, B., and A. C. Bates	Utica, N. Y.	Stove	April 11.
Swetland, Uriah	Kingston, Pa.	Distilling apparatus	May 25.
Tyler, B. & J., and J. B. Andrews	Windsor, Vt.	Thrashing and winnowing machine	November 18.
Tallman, Jedediah	Oneida county, N. Y.	Cleaning and screening wheat	April 23.
Thomas, John	Washington, D. C.	Planing vessels	May 8.
Thomas, John	Do.	Blocks and wedges for raising ships	December 22.
Tucker, Joseph C., and E. Dwelle	Boston, Mass.	Hydrometer	May 17.
Thayer, Joel F.	Do.	Locks and latches for doors	December 23.
Van Loan, William W.	Catskill, N. Y.	Fire-engine, assistant life	May 18.
Whittaker, John	Dingham's Ferry, Pa.	Wheels	February 2.
Weaver, William W.	Philadelphia, Pa.	Stove pipes	June 24.
West, B., and C. Soper	Rome, N. Y.	Window-shutter fastening	April 16.
Watson, David	Fayette, Maine	Washing machine	January 31.
Williamson, Per.	Baltimore, Md.	Bedstead	October 15.
			October 17.

Wright, Horace	Onondaga, N. Y.	Cooper's work, machine for	October 23.
Wells, Samuel	Boston, Mass.	Rigging vessels	October 24.
Wells, Samuel	Do.	Truss lever and sling	October 24.
Woods, Andrew	Charlestown, Va.	Chairs, nursing	March 13.
Williams, Everett	Stratford, N. H.	Rollers, covering for sizing	April 13.
Warren, Edmund	New York, N. Y.	Loom	May 1.
Wall, Richard	Waterbury, Ct.	Pipes, making leaden	July 5.
Wheeler, Lee, and T. Powell	Coxsackie, N. Y.	Wheel, inclined, horse and water	December 6.
White, Thomas	Chester, S. C.	Sawmill	April 27.
Williams, Thomas	Pittsylvania, N. Y.	Corn covering machine	December 19.
Willis, William	South Carolina	Cutting box	August 24.
Willis, William	Edgefield, S. C.	Drill and cotton thinner	May 7.
Wooley, Joseph	Troy, N. Y.	Drill and cotton thinner	September 14.

I hereby certify that the foregoing is a correct list of all the patents for inventions, discoveries, and improvements, which have expired within the year 1836, furnished agreeably to an act of Congress approved July 3d, 1832.

HENRY L. ELLSWORTH,
Commissioner of Patents.

PATENT OFFICE, January, 1837.

APPENDIX.

REPORT

Of the Committee on the expenditures of the Department of State on the Patent Office.

FEBRUARY 7, 1823.

Read, and ordered to lie on the table.

The Committee on the expenditures of the Department of State, to whom was referred the letter of the Secretary, of December 3d, 1822, accompanied by one addressed to him by the Superintendent of the Patent Office,

REPORT:

That they have examined the subject referred to them, and find that such was the decayed or injured condition of many of the models in the Patent Office, that, during the summer past, it was deemed a duty, by the Department, to employ an artist to repair such as were in the greatest state of dilapidation; that the said artist has been employed since the twenty-third day of August last, at a compensation of two dollars per day; that many of the models are very complicated and of delicate structure, and, by the frequent handling of the numerous persons who visit the Office, are very liable to be injured; and that many of them are already so much injured as to require repairs for their preservation from entire destruction. That the Department has suggested the propriety of making provision for the permanent employment of an artist, for the purpose of repairing them, and keeping them in a constant state of preservation.

The committee have been furnished with a statement from the Patent Office, from which it appears, that, since the institution of the Office, about three thousand five hundred patents have been issued, and that about one thousand eight hundred models of machines have been deposited in the Patent Office.

It is evident, from this statement, that more than half of the patents that have been issued under the Patent act, have been for mechanical inventions; and it appears, from the statement accompanying this report, as well as from inspection, that a large proportion of them are calculated to facilitate the labors of agriculture, manufactures, and navigation.

Inventions of this kind involve new combinations of the mechanic

powers; and their utility consists in their subjecting these powers to a more efficient operation in their application to practical uses. Every improvement in mechanical operations, serves as a guide to new combinations and different applications, and leads to further inventions: such inventions deserve every encouragement in a country where it is an object to cheapen labor. It is supposed by competent judges, that the single machine for cleaning cotton has saved to the United States more than half a million of dollars, in superceding the necessity of manual labor.

The object in establishing the Patent Office, was the preservation of the models of the inventions, which may be deemed of sufficient importance to merit preservation. It is the object of the model, no less than the specification, to secure to the patentee the exclusive enjoyment of his invention during the continuance of his patent; to guard others from interfering with his rights; and to enable the public to enjoy the benefit of the invention, after the monopoly shall have expired. It is of some importance, in this case, also to observe, that, in many instances, the model is the test of the nature and extent of the invention, and forms the rule by which subsequent improvements are ascertained, and secured to the inventors; for, although the specification, or a certified copy of it, is the legal evidence of the invention, yet, many machines are so complicated, that no one but a skillful artist can comprehend their construction or mode of operation, without the inspection of a model; and in all cases of dispute, respecting the extent of improvements in the principles of original machines of any complexity, it is impossible for a court or jury to judge correctly, without a model exhibiting the improvements.

If it be deemed desirable to preserve the models of inventions, for these purposes, it seems absolutely necessary that they should be preserved entire.

The committee will further observe, that the Patent Office is supported by the fees paid by the patentees; and that the receipts of the Office, since its establishment, exceed the expenditure by a very considerable amount.

Your committee are therefore of opinion, that an artist should be permanently employed, for the purpose of repairing, and keeping in constant preservation, the models in the Patent Office; and that a clause should be added to some proper bill, making an appropriation for that purpose.

All which is respectfully submitted.

List of Models in the Patent Office, Jan. 21st, 1823.

Propelling boats	-	-	-	-	-	38
Carding machines	-	-	-	-	-	8
Making carriage wheels	-	-	-	-	-	4
Ploughs	-	-	-	-	-	65
Thrashing machines	-	-	-	-	-	20
Winnowing machines	-	-	-	-	-	25
Bridges	-	-	-	-	-	13
Saw-mills	-	-	-	-	-	26
Water-mills	-	-	-	-	-	17
Wind-mills	-	-	-	-	-	7
Water-wheels	-	-	-	-	-	26
Pumps	-	-	-	-	-	66
Presses	-	-	-	-	-	56
Looms	-	-	-	-	-	45
Stocking looms	-	-	-	-	-	3
Spinning machines	-	-	-	-	-	28
Fire engines	-	-	-	-	-	10
Steam mills	-	-	-	-	-	14
Nail cutting machines	-	-	-	-	-	95
Machine for making barrels, &c.	-	-	-	-	-	1
Mud machines	-	-	-	-	-	7
Flax dressing machines	-	-	-	-	-	6
File cutting machines	-	-	-	-	-	6
Machines for cutting dye-woods	-	-	-	-	-	6
Cloth shearing machines	-	-	-	-	-	16
Straw cutting machines	-	-	-	-	-	10
Boring machine	-	-	-	-	-	3
Locks	-	-	-	-	-	12
Guns	-	-	-	-	-	2
						<hr/> 635
For various purposes	-	-	-	-	-	1184

1819

TREASURY DEPARTMENT,

Register's Office, January 29th, 1823.

SIR: In compliance with the request contained in your letter of the 23d inst. which I had the honor to receive, I beg leave to transmit, herewith, a statement of the annual receipts and expenditures of the Patent Office, from its establishment to the 31st December, 1821, so far as the records of this office have enabled me.

The vouchers for the contingent expenses of the Department of State, with which those of the Patent Office are blended, are, at this time, in that Department, for the purpose of forming a statement, under a recent resolution of the House of Representatives, of books, &c. purchased since the year 1817. The contingent expenses of the Patent Office, however, taking the average of 1814, and 1815, and 1816, may be estimated at \$600 per annum.

I am, sir, with great respect,
Your obedient servant.

JOSEPH NOURSE, *Register.*

HON. SILAS WOOD.

STATEMENT of the annual Receipts and Expenditures of the Patent Office, to 31st December, 1821.

YEARS.	RECEIPTS.	EXPENDITURES.	
		Salaries of Superintendent, clerks, and messengers.	Contingent expenses.
1793	660	It does not appear that any payments were made during these years.	The vouchers for the Contingent Expenses were burnt by the British in 1814.
4	570		
5	600		
6	1,380		
7	1,470		
8	870		
9	1,260		
1800	1,230		
1	1,410		
2	142		
3	2,910	1,750	403 01 601 14 778 09
4	2,670	1,400	
5	1,710	1,400	
6	2,400	1,400	
7	2,850	1,400	
8	4,860	1,550	
9	6,690	1,700	
10	6,660	1,759 14	
11	6,810	2,275	
12	6,660	1,550	
13	5,880	2,149 96	
14	6,090	2,150	
15	5,850	2,150	
16	5,760	2,150	
17	4,680	2,525	
18	4,740	2,838 88	
19	3,660	2,750	
20	3,720	2,750	
21	4,770	2,750	

TREASURY DEPARTMENT,

Register's Office, Jan. 29, 1823.

JOSEPH NOURSE, Register.

21st CONGRESS,
1st Session.

[Doc. No. 38.]

HO. OF REPS.
State Dept.

PATENT OFFICE.

JANUARY 27, 1830.

Referred to the Committee on the Judiciary.

MESSAGE

FROM THE

PRESIDENT OF THE UNITED STATES,

TRANSMITTING

A communication from the Secretary of State in relation to the Patent Office.

To the Senate and House of Representatives of the United States.

I submit to Congress a communication from the Secretary of State, together with the report of the Superintendent of the Patent Office to which it refers, showing the present condition of that office, and suggesting the necessity of further legislative provisions in regard to it; and I recommend the subjects it embraces to the particular attention of Congress.

It will be seen that there is an unexplained deficiency in the accounts which have been rendered at the Treasury, of the fees received at the office, amounting to four thousand two hundred and ninety dollars; and that precautions have been provided to guard against similar delinquencies, in future. Congress will decide on their sufficiency, and whether any legislative aid is necessary upon this branch of the subject referred to in the report.

ANDREW JACKSON.

Washington, 26th January, 1830.

DEPARTMENT OF STATE,

Washington, 21st January, 1830.

The Secretary of State has the honor of submitting to the President, a report made to this Department, pursuant to his directions, by the Superintendent of the Patent Office. It gives a statement of the past and present condition of the office, and contains suggestions which are well entitled to the consideration of Congress.

To avoid mistake, and as an act of justice to those who have heretofore been entrusted with the funds of the office, the Superintendent was directed

to re-examine his statement in relation to the alleged deficiencies in the accounts which have been rendered to the Treasury, and to give notice thereof to the legal representative of Dr. Thornton, heretofore Superintendent, and to Mr. Elliot, who, until this last summer, was the principal clerk of the office. The accompanying papers show that those directions have been complied with, and also exhibit the result of the re-examination.

It will be seen by the accompanying report, that precautions have been recently adopted, which cannot fail to prevent such irregularities in future, and will secure a faithful account of this portion of the public funds. The report likewise suggests the necessity of further legislative provisions, in reference to the suitable completion of the building in which the office and models are kept, and the employment of additional clerks, which are essentially necessary, in the opinion of the Secretary, for the preservation and display of the numerous models referred to, and for the execution and dispatch of the business connected with this branch of the public service.

Respectfully submitted.

M. VAN BUREN.

PATENT OFFICE

January 20th, 1830.

SIR: According to your instructions, I wrote to Mrs. Thornton, and Mr. Elliot. Copies of the letters, and Mr. Elliot's answer, I have the honor now to transmit. I beg leave to observe, that the causes assigned by Mr. E. are altogether insufficient. The patents re-issued, are all marked in the "*Entry Book*," and not one of them taken into the list I made out. If they were, they would not answer the purpose. Thus, in 1818, there was *not one re-issue*; yet there was a deficit of \$1920; and 58 patents omitted in the Secretary's report to Congress. In 1819, there was *one re-issue*, and a deficit of \$1620; and in no one year does there appear to have been more than three patents re-issued. The other causes assigned, it is presumed, require no notice. From Mrs. Thornton, no answer is received.

With great respect,

I am, &c.

JOHN D. CRAIG.

Hon. MARTIN VAN BUREN,
Secretary of State.

DEPARTMENT OF STATE,

Patent Office, January 15th, 1830.

MADAM: You are respectfully requested by the Hon. M. Van Buren, Secretary of State, to afford this office such information or explanation as it may be in your power to communicate, in relation to a discrepancy which appears to exist between the number of patents issued from the year 1790, to the year 1828, (inclusive) and the amount of monies paid into the Treasury of the United States; the deficit of money is from four to five thousand dollars.

Any communication you may please to make, is requested on or before Tuesday next.

I have the honor to be,

Madam,

Your obed't. serv't.

JOHN D. CRAIG.

Mrs. A. M. THORNTON.

DEPARTMENT OF STATE,
Patent Office, January 15th, 1830.

SIR: You are respectfully requested by the Hon. M. Van Buren, Secretary of State, to afford this office such information or explanation as it may be in your power to communicate, in relation to a discrepancy which appears to exist, between the number of patents issued from the year 1790, to the year 1828, (inclusive) and the amount of moneys paid into the Treasury of the United States; the deficit of money is from four to five thousand dollars.

Any communication you may please to make, is requested on or before Tuesday next.

Yours, respectfully,

JOHN D. CRAIG.

Wm. ELLIOT, Esq.

WASHINGTON, *January 16, 1830.*

SIR: Yesterday I received your letter of the 15th instant, requesting information respecting a "discrepancy which appears to exist between the patents issued and the Treasury receipts," to which I most respectfully reply:

In order to understand the principle on which patents were issued by the late Dr. Thornton for many years, it will be necessary to recur to the origin and progress of the patent office.

From about the year 1790, till 1803, the patents were issued by a clerk in the Department of State. At that period, Dr. Thornton was appointed by Mr. Jefferson to issue the patents, and took upon himself the title of *Superintendent*; and he continued to issue them for 24 years, or till the time of his death in 1827.

During many years of his superintendence, he conceived himself to be invested with, and exercised freely, much discretionary power in the issuing of patents; for he held it as a maxim, and, I believe, a very good one, that the patent law was made solely for the "encouragement of authors and inventors;" and not to collect revenue; and therefore, when any mistake or omission took place in issuing patents, whether by the inventor or the office, he would order a new one to be issued, without the payment of an additional patent fee; however, it was not till about the years 1815, or 1816, that he put this principle in full operation, and from that time till about 1824, many patents were issued for amended specifications, *without the payment of any additional fee.*

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A minute or memorandum was regularly made, of *all* patents issued, whether for new or corrected specifications; thus, a much greater number of patents will appear in the entry books, than there are treasury receipts. Also, in the annual report made to Congress of patents issued, those for which no fee had been paid, were omitted: or rather, I believe, the Doctor reported only as many patents as there were Treasury receipts. This, of course, will make the list of patents furnished to Congress appear to contain fewer names than the entry books. It remains to be proved by experience, whether the present system of issuing patents, without limitation or obstruction, is more beneficial to the country, than the judicious exercise of a discretionary power, vested in the superintendent, to aid the ingenious, but poor man, in obtaining a *perfect* patent, without further expense than the original patent fee, and also, for *refusing* patents (under the control of the Secretary of State and Attorney General) to mere speculators (not inventors) who make a business in levying contributions on the public by licenses under the title of "patents," for neither *new* nor useful inventions, signed by the President, Secretary of State, and Attorney General, and who fill the country with litigation.

There are other causes that operated in producing a disagreement between the number of patents issued, and the treasury receipts: for in all cases where the *money was lost*, a patent was issued *without a fee*, the patent itself containing a receipt for the patentee.

However, besides the causes above mentioned, it was frequently discovered, by those in the office, that, owing to the want of a proper system, patents were issued by mistake *without a fee*; therefore to avoid in future these mistakes, and to introduce into the office a more perfect system of accountability, about 6 or 7 years ago, I made a representation of the same to the Secretary of State, and the chief clerk, D. Brent, Esq. In consequence thereof, about the years 1823 or 1824, all moneys received for patents were ordered to be paid into the hands of the agent of the Department of State. About the same time, it was decided by the Attorney General of the United States, that all patents re-issued for defective specifications (except for clerical errors) were required to pay a *new fee*: from that time; therefore, till the present, the Treasury receipts and number of patents issued, as minuted in the entry book, will probably nearly correspond, though not exactly, because the money was often received in one year, and the patents issued in another.

I will here beg leave to remark (though it does not exactly come within the request of your letter, nor will it account for the discrepancy referred to,) that in cases where a person had inadvertently paid his money in the Treasury, and could not withdraw it, the Doctor was in the habit of transferring this individual's money to pay the patent fee of another; and giving the money of the new applicant to the one whose money was already in the Treasury, but did not wish to have a patent: thus, many patents will appear to have been issued without fees, because the money was paid in a *different name* from that of the person obtaining the patent.

As regards myself, during the many years I was in office, it never was any part of my duty either to receive the patent fees or issue the patents; mine was the laborious part of copying specifications, and giving information: and I can say with truth, that much of the money now in the Treasury to the credit of the Patent Office, over and above all the expenses attending the issuing of patents, was earned by my labor.

In some cases when applicants for patents sent their money and papers, and the invention was not considered new, or interfered with another, the money was then deposited in a Bank, till a decision took place. This account was at first kept in the Bank of Columbia, in the Doctors name; after the removal of that Bank it was deposited in the Bank of the Metropolis, where it was kept for some time; but being found troublesome, and not profitable to the Bank, (the amount deposited being trifling, and after short intervals deposited and drawn out,) the account was ordered to be closed by that Bank. Then, at the request of Doctor Thornton, an account for the above purpose was opened with the Patriotic Bank in my name. This also was closed in 1825; as will be seen by the statement of Robert W. Fenwick, herewith enclosed. However, it will be seen these were altogether private responsibilities, and did not in any way concern the public: the person sending this money will, of course, look for repayment to the person receiving it; as far as it respects me, all these cases have been fully discharged.

Since 1825, till the time I left the Patent Office in May, 1829, all moneys received for patents, whether to be paid immediately into the Treasury, or deposited in the Bank, were paid into the hands of the Agent of the Department of State.

Therefore, the causes of the discrepancy between the patents issued and the Treasury receipts were, in my opinion, occasioned chiefly, by

1st. The re-issuing of patents for defective specifications, without additional patent fees.

2nd. For patents issued, when the money was lost, &c.

3d. For patents issued, through mistake, without the fees being first paid, and for want of a proper system, such as was adopted in 1824.

I am, most respectfully,

Your obedient servant,

WILLIAM ELLIOT.

To JOHN D. CRAIG, Esq.

Superintendent of the Patent Office.

Washington County, }
DISTRICT OF COLUMBIA, } 13.

On this, 3d day of December, 1829, personally appeared before the subscriber, a justice of the peace in and for the above county, Robert W. Fenwick, of the City of Washington, D. C. and made oath according to law, to the truth of the following statement of facts, according to the best of his knowledge and belief:

C. H. W. WHARTON, J. P.

Statement above referred to.

That, previous to the year 1825, or thereabouts, it was the custom of the late Superintendent of the Patent Office, Dr. Thornton, to receive all the patent fees, and when the patents were ordered by him to be issued, to send the money to the Treasury; but in cases where they were not immediately decided on, either to retain the money in his own hands, or put it into a Bank, till a decision took place. If the patents were to be issued, then the money was paid into the Treasury; but if not issued, it was returned to the

person who sent it, and that I have, in every instance, paid all the money thus entrusted to my care into the Treasury.

I also further solemnly swear, that in the cases where the money was deposited in the Patriotic Bank, in the name of William Elliot, it was so done by the request of the said Dr. Thornton; and that the name of the person sending it, was always mentioned in the note accompanying it to the Bank; and the same name was always mentioned in the order which drew it out again: And further, that when William Elliot declined having more to do with the money belonging to the applicants for patents, his account was settled at the Patriotic Bank, and his Bank book, with the orders or checks by which the different sums had been drawn, were delivered to the said Dr. Thornton, examined by him, and found correct.*

R. W. FENWICK;

Witness.—C. H. W. WHARTON.

DEPARTMENT OF STATE,
PATENT OFFICE, *December 22d, 1829.*

SIR: In conformity to Executive instructions, that a statement of the past and present condition of the Patent Office should be furnished, I have the honor of presenting to you the following report: And am,

With great esteem,
Yours, respectfully,

JOHN D. CRAIG.

HON. MARTIN VAN BUREN,
Secretary of State.

The Patent Office of the United States, was established by act of Congress, in 1790; new modeled in 1793; and amended in 1800. Since the latter period, no alterations or amendments of moment, have been made in the patent laws.

The number of patents issued prior to the year 1793, appears to be 47. From 1793 to 1828, inclusive, according to the reports of the Secretaries of State, presented annually to Congress, the number issued, as appears from the annexed table, marked A, was 5,153. But, according to the table marked B, and compiled from the original entries and records now in the office, the actual number issued during the said interval, was 5,380; or 227 more than were reported to Congress.

These, at \$30 each, would amount to	-	-	-	\$ 161,400
But according to the statement furnished by the Register's office, and marked C, the corresponding amount of money paid into the Treasury, during the same time, was	-	-	-	157,110

Leaving a deficit of	-	-	-	\$ 4,290
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Unaccounted for between the Patent Office and the Treasury Department. Whereas, according to the number of patents reported to Congress, there would be a surplus paid into the Treasury of patent fees, of two thousand five hundred and twenty dollars.

*This took place in the year 1825.

On examining table B, it will be seen that the above deficit took place between the years 1815 and 1827: the amount of fees for the number of patents issued during said interval, exceeding the corresponding amount of Treasury receipts, by \$7,170; and even exceeding the amount of those reported to Congress during the same time, by 1,020.

To reconcile these anomalies, or investigate their origin, is not the present object. It may be observed, however, that, previous to the commencement of the present administration, the patents were signed by the Attorney General, before they were filled, and not inspected by him afterwards. At present they are entirely filled up, and have the Treasurer's receipt for the fees, attached to them, before they are presented to him: Consequently no patent can now be issued till the Treasury fee be paid, and the sanction of the Attorney General, with respect to all the legal requisitions, is obtained. These Treasury receipts show the Bank into which the payment is made, the date of the credit, and the attestation of the Register to their having been registered in his office. These checks, it is believed, will prevent all discrepancies in future.

The number of patents above stated, is that deduced from the records and original papers now in the office; but there are reasons to induce the belief, that a *greater number* has been issued. This circumstance alone, strongly urges the necessity of having the patents regularly recorded, as they are issued: yet the whole number recorded in the office, is less than seven hundred.

Great deficiencies are found to exist among the models and drawings deposited in the office, nor does it appear that any regular system was ever adopted for arranging and preserving those interesting specimens of the progress of the useful arts, and of national ingenuity.

The propriety of rendering it *penal*, to remove any papers, drawings, or models, belonging to the office, out of it, is respectfully submitted.

The new apartments, when finished, will afford ample room for a systematic arrangement and classification of the models, corresponding to the nature of the subject to which they respectively belong. The purposed arrangement, already partly executed, may be seen in the annexed document, marked D; and the drawings and original papers are now so ordered, that any one of them called for, can be produced in a few seconds. Still, however, the establishment must remain very imperfect, unless the patents as issued, be regularly recorded; and that can not possibly be accomplished, without additional aid afforded to the office. For this purpose, at least, two additional clerks would be wanted: the present number being barely adequate to the current business of the office: and it is daily increasing.

The appropriation of three thousand dollars, made during the last session of Congress, for the purpose of furnishing the new apartments, has proved, as might have been foreseen, quite inadequate. An additional sum of four thousand five hundred and sixty dollars, as appears by the subjoined estimate, marked E, will be requisite for that purpose: and it is highly desirable, that this appropriation be made as soon convenient, as the models, from their present exposed situation, are, by incautious visitors, suffering daily, more or less injury.

If the apartments were completed according to the intended plan, it is believed that no further expenditure of the kind, would be wanted for many years.

When we consider the facility with which, in the United States, patents can be procured, the partiality of men to their own productions, and the sanguine expectations which self-interest thence induces them to indulge, is not surprising that patents are frequently taken out for the most trifling inventions, or improvements. The Treasury fee is thirty dollars; and many patents, when obtained, are not worth as many cents. Yet the applicant is highly offended, if advised to keep his money. On the other hand, the community at large is frequently deprived of its common right, by a monopoly of what ought to be free, unless some individual will step forward and subject himself to the risk of a vexatious law-suit. Both these evils, is presumed, might be, in a great measure, removed, by augmenting the Treasury fee for obtaining patents. In England, a patent can not be obtained for less than one hundred and five pounds sterling; yet, when duly considered, even that sum is a mere trifle compared with the advantages resulting to an individual, from an exclusive interest in using and vending an important invention or improvement, in any useful art or manufacture.

By reference to the Register's statement, marked C, it appears that the Patent Office, instead of being a burden to the Government, is a constant and increasing source of revenue. But it claims attention on higher ground: It is a repository of national ingenuity. It affords an interesting display of the progress of the useful arts, and of the inventive faculties of man: It holds out incentives to industry; a premium to ingenuity; a powerful stimulus to improvements in the arts and manufactures; the comforts and embellishments of life: and therefore, as a means of national improvement, is highly entitled to national regard.

All which is respectfully submitted.

B.

The number of Patents annually issued, from 1790 to 1828, inclusive—also, the amount of fees paid into the Treasury during the same period.

Years.	No. of Patents.	Fees, at \$ 30.	Treasury Receipts.	Difference.
1790	3			
1791	38			
1792	11			
1793	20	\$ 600 00	\$ 660 00	+ \$ 60 00
1794	22	600 00	570 00	— 90 00
1795	19	360 00	600 00	+ 240 00
1796	44	1,320 00	1,380 00	+ 60 00
1797	51	1,530 00	1,470 00	— 60 00
1798	28	840 00	870 00	+ 30 00
1799	44	1,320 00	1,260 00	— 60 00
1800	41	1,230 00	1,230 00	0 00
1801	44	1,320 00	1,410 00	— 90 00
1802	65	1,950 00	2,100 00	+ 150 00
1803	97	2,910 00	2,910 00	0 00
1804	84	2,520 00	2,670 00	+ 150 00
1805	57	1,710 00	1,710 00	0 00
1806	63	1,890 00	2,400 00	+ 510 00
1807	99	2,970 00	2,850 00	— 120 00
1808	158	4,740 00	4,860 00	+ 120 00
1809	203	6,090 00	6,690 00	+ 600 00
1810	223	6,690 00	6,660 00	— 30 00
1811	215	6,450 00	6,810 00	+ 360 00
1812	238	7,140 00	6,660 00	— 480 00
1813	181	5,430 00	5,880 00	+ 450 00
1814	210	6,300 00	6,090 00	— 210 00
1815	173	5,190 00	5,850 00	+ 660 00
1816	206	6,180 00	5,760 00	— 420 00
1817	174	5,220 00	4,680 00	— 540 00
1818	222	6,660 00	4,740 00	— 1,920 00
1819	156	4,680 00	3,060 00	— 1,620 00
1820	155	4,650 00	3,720 00	— 930 00
1821	168	5,040 00	4,770 00	— 270 00
1822	200	6,000 00	6,000 00	0 00
1823	178	5,190 00	4,740 00	— 450 00
1824	228	6,840 00	6,270 00	— 570 00
1825	304	9,120 00	8,940 00	— 180 00
1826	323	9,690 00	9,420 00	— 270 00
1827	331	9,930 00	10,560 00	+ 630 00
1828	368	11,040 00	10,860 00	— 180 00
1829				
	5,380	161,400 00	157,110 00	— 4,290 00
Treasury receipts,	-	157,110 00		
Total deficiency,	-	4,290 00		

C.

STATEMENT of the amount annually received for Patents, under the Act of the 21st of February, 1793; and the amount annually paid for salaries and contingencies of the Patent Office, from its establishment to the 31st of December, 1828.

YEARS.	RECEIPTS FOR PATENTS.	EXPENDITURES.	
		SALARIES.	CONTINGENCIES.
1793	\$ 660 00		
1794	570 00		
1795	600 00		
1796	1,380 00		
1797	1,470 00		
1798	870 00		
1799	1,260 00		
1800	1,230 00		
1801	1,410 00		
1802	2,100 00		
1803	2,910 00	\$ 1,750 00	
1804	2,670 00	1,400 00	The accounts dis- bursed for contin- gencies during this period cannot be ascertained; the vouchers having been destroyed by fire, in August, 1814.
1805	1,710 00	1,400 00	
1806	2,400 00	1,400 00	
1807	2,850 00	1,400 00	
1808	4,860 00	1,550 00	
1809	6,690 00	1,700 00	
1810	6,660 00	1,759 14	
1811	6,810 00	2,275 00	
1812	6,660 00	1,550 00	
1813	5,880 00	2,149 96	
1814	8,090 00	2,150 00	
1815	5,850 00	2,150 00	\$ 571 02
1816	5,760 00	2,150 00	751 00
1817	4,680 00	2,525 00	936 22
1818	4,740 00	2,838 88	1,438 24
1819	3,060 00	2,750 00	768 95
1820	3,720 00	2,750 00	623 06
1821	4,770 00	2,750 00	473 61
1822	6,000 00	2,750 00	576 07
1823	4,740 00	2,350 00	779 31
1824	6,270 00	2,850 00	1,203 50
1825	8,940 00	3,600 00	975 72
1826	9,420 00	3,600 00	1,553 67
1827	10,560 00	4,264 44	3,219 72
1828	10,860 00	4,342 31	2,623 84
			1,912 28
	157,110 00	62,654 73	17,808 10

STATEMENT C.—Continued.

NOTE.—There was appropriated, by the Act of the 28th of April, 1810, for the better accommodation of the General Post and Patent Office, the sum of -	\$ 20,000 00
Also, by the Act of 7th March, 1812, for ditto, -	9,553 91
Also, by the Act of 24th May, 1828, for erecting an additional building for the General Post and Patent Office, - - - - -	12,000 00
	<u>41,553 91</u>

For which there are no data in this office to determine the relative proportions.

TREASURY DEPARTMENT,

REGISTER'S OFFICE.

T. L. SMITH, *Register.*

NOTE.—In conformity to the eleventh section of the Act of the 21st of February, 1793, quarterly accounts, since 1824, inclusive, have been rendered to the Treasury, (included in the contingent account of the Department of State) of the fees received for copying, &c. accompanied with an account of payments made to the Clerks who performed the services.

The following are the sums received and paid since 1824, viz:

1824	-	-	-	-	\$ 190 65
1825	-	-	-	-	157 52
1826	-	-	-	-	404 79
1827	-	-	-	-	46 34
1828	-	-	-	-	143 56
Total,	-	-	-	-	<u>\$ 942 86</u>

D.

CLASSIFICATION OF THE MODELS.

I. *Agriculture.*

Ploughs, Harrows, Cultivators, Planting, Seeding, Mowing and Threshing Machines, Rakes, Wheatfans, Strawcutters, &c. &c.

II. *Factory Machinery.*

For Cotton, Wool, Flax, Hemp, Paper, Rolling and Slitting Mills, Nailcutters, &c.

III. *Navigation.*

Ships, Boats, Marine Rail Ways, Canal Locks, Mud Machines, Dry Docks, &c.

IV. *Land Works.*

Railways, Roads, Bridges, Excavating and Boring Machines, Pile Engines, &c.

V. *Common Trades.*

Brickmaking and Planing Machines, Triphammers, Bellows, Turning Lathes, Chains, Washing Machines, Household Furniture, and Utensils: Also, Shoes, Boots, Saddles, Harness, &c.

VI. *Wheel Carriages.*

Coaches, Chairs, Wagons, Carts, Waywisers, Mailbags, and Boats, &c.

VII. *Hydraulicks.*

Pumps, Fire Engines, Hose, Valves, &c.

VIII. *Calorific and Steam Apparatus.*

Furnaces, Fire Places, Stoves, Boilers, Stoves, Steam Engines, &c.

IX. *Mills.*

Water, and other Wheels, Grist Mills, Saw Mills, and the various parts of their Machinery.

X. *Lever and Screw Power.*

Applied to Printing, Coining, and other Presses.

XI. *Arms.*

Cannons, Mortars, Muskets, Rifles, Pistols, Percussion and other Locks, Swords, &c.

XII. *Mathematical Instruments*

For Surveying, Mining, and Nautical purposes.

XIII. *Chemical Compositions.*

Patent Medicines, Cements, Dyes, &c.

XIV. *Fine Arts.*

Musical Instruments, Paints, Varnishes, Gildings, Sculpture, Architecture, and Gardening.

E.

DEPARTMENT OF STATE,

*Patent Office, Nov. 21, 1829.**AN ESTIMATE of the expenses necessary to complete the improvements partly executed in the Patent Office, viz:*

To finish the carpenter work on the South side of the third story	-	-	-	-	-	-	\$ 300
Do do on the North side	-	-	-	-	-	-	600
4,000 feet of pine boards, at 25 cents	-	-	-	-	-	-	100
Hardware for the whole	-	-	-	-	-	-	175
1,896 yards mahogany painting, at 50 cents	-	-	-	-	-	-	948
420 glass lights, at 20 cents	-	-	-	-	-	-	84
Glazing the same, at 6½ cents	-	-	-	-	-	-	26
1,600 yards wire netting, at \$ 1.	-	-	-	-	-	-	1,600
Painting the same, at 25 cents	-	-	-	-	-	-	400
To fit up and furnish the second story of the engine-house for a machine shop	-	-	-	-	-	-	200
Arrears now due to workmen	-	-	-	-	-	-	127
							\$ 4,560

The above is deduced from actual measurements and ascertained prices, as far as practicable at present.

JOHN D. CRAIG.

DOCUMENTS

TRANSMITTED TO CONGRESS BY THE PRESIDENT AT THE COMMENCEMENT OF
THE FIRST SESSION OF THE TWENTY-SECOND CONGRESS.

REPORT ON THE STATE OF THE PATENT OFFICE.

DEPARTMENT OF STATE,

WASHINGTON, 2d December, 1831.

To the President :

SIR : Soon after my coming into office I examined into the state of that branch of my department relating to the issuing of patents for useful inventions, and was much surprised to find, that, although the law requires each patent to be recorded, yet more than five thousand patents had been issued without any record being kept in the manner directed by the act. Desirous of remedying this evil, and of complying with the law, I at first intended to have employed the number of clerks necessary for the purpose, which I supposed myself entitled to do, under the 11th section of the act of 21st of February, 1793, which directs that the thirty dollars paid for each patent should "pass to the account of clerk hire in the office of the Secretary of State." Comparing this, however, with subsequent laws limiting the number of clerks to be employed in the Patent office, I entertained doubts of my power, and the opinion of the Attorney General having confirmed those doubts, I determined to submit the facts to your consideration, that you might, if you deemed it expedient, transmit them to Congress: and I directed the Superintendent to furnish me with a statement of the actual situation of the Patent office, which I herewith transmit. From this it will appear that the thirty dollars paid for each patent, intended originally to defray the expences attending the issuing it, have been diverted from their original destination, and have given to the Treasury a sum exceeding ten thousand dollars annually, clear of all expences; and that, in consequence of this, a most material provision of the law has been necessarily omitted, the clerks, limited to three, being barely sufficient to carry on the current business of the office, leaving five thousand nine hundred patents unrecorded. As it evidently was not the intent of the law to look to the fees of the Patent office as a source of revenue, it would be highly proper to restore the proceeds derived from them to their original object, by enabling the department to employ them for the payment of the clerks necessary to effect the objects of the law.

The other amendments pointed out by the Superintendent seem to me highly worthy of consideration. and are respectfully submitted.

EDW. LIVINGSTON,

DEPARTMENT OF STATE—PATENT OFFICE,

December 1, 1831.

SIR: In compliance with your request, I have the honor to submit the following report, and remain,

With great respect,

JOHN D. CRAIG.

HON. EDWARD LIVINGSTON,
Secretary of State.

REPORT.

The number of patents issued from the commencement of the present year, to this date, is five hundred and forty; and the corresponding amount of fees paid into the Treasury - - - - - \$16,200

The current expense of the office for clerk-hire and contingences, during the same time, was - - - - - 5,990

Leaving a balance in favor of the revenue, in eleven months, of \$10,210

From the establishment of the Patent office in 1790 to the present time, the whole number of patents issued, is six thousand nine hundred and eleven. Of this number, no more than nine hundred and sixty have been recorded, leaving no less than five thousand nine hundred and fifty-one, unrecorded; though the law expressly declares, that "*all patents issued shall be recorded in a book kept for that purpose;*" and many of the original papers are now so much worn, and the ink so faded, that, ere long, they will be illegible.

To record these 5951, would require five clerks for three years; and to keep up the current business of the office, and record agreeably to the existing laws, the patents as issued in future, would require two competent clerks in addition to the present number. Should Congress in its wisdom think proper to appropriate means for accomplishing these objects, it is respectfully suggested, whether, instead of allowing the recording clerks an annual salary, it would not be preferable to pay each of them monthly, at a stipulated rate, in proportion to the quantity he had correctly recorded. This method, it is believed, would tend to excite industry, accomplish the business with the same number of clerks in much less time, be more economical, and render to every one according to his work.

Among the patents issued from 1816 to June 1829, there are two hundred and forty, the drawings for which were not to be found in the office at the last mentioned date. This circumstance places the Superintendent in a very disagreeable situation when copies of any such are called for, and affords a strong argument in favor of making it *penal*, to take from the office either drawings, papers, or models belonging to it.

The 11th section of the Act of 1793, says, "for every copy of a drawing, the party obtaining the same shall pay *two dollars*." Now, as no draughtsman is provided by law for the office, the making out of such copies is a voluntary act; and though some of them could be copied for fifty cents,

there are others that no competent draughtsman would execute for as many dollars, and very few of them for less than five; consequently, if applicants for copies of any of these were to insist upon having them furnished for the specified fee of two dollars, the Superintendent would be placed in circumstances where it is impossible to comply with the law.

In a former report from this office, submitted to Congress, it was respectfully suggested, whether an increase of the Treasury fee for obtaining patents would not be advantageous to the community at large, and also to the individuals whose discoveries or improvements are really entitled to encouragement and protection. Subsequent observation seems to confirm the opinion. Patents are frequently demanded and cannot be refused, for alleged improvements and discoveries, that have not the slightest claim to originality; yet the citizens, in general, are disposed to submit to the imposition rather than undertake to vindicate their common right by an appeal to a judicial tribunal. It is believed that augmenting the Treasury fee, would, in a great measure, remedy these evils, and afford additional security to patentees who merit protection.

It is also respectfully submitted, whether it would not be advantageous, to publish, annually, a list of all the patents that had expired during the previous year. It is known that individuals have been imposed on by persons selling patent rights after they had expired. Such a publication would put a stop to impositions of this kind.

All the papers, drawings, and models, in the office, are now classified and arranged in such a manner, that any one of them called for, can immediately be produced. A record of all the patents seems the only thing wanting to place the establishment on a respectable footing; and when it is considered that one tenth part of the patent fees paid into the Treasury beyond what the office has cost the Government, would be adequate to defray the expense, it is to be hoped this object will not remain much longer unaccomplished.

At present the Patent office is a source of revenue, which, it is presumed, the framers of its laws never intended; and the compensation received by those connected with it, is believed to be less in proportion to their labour and responsibility, than that in any other office of the Government within the District: said compensation having been fixed when neither the labor nor responsibility was one-fourth of what it is at present. It is, therefore, humbly hoped that Congress, in its wisdom, will take the subject into consideration; revise the whole system; and appropriate as much of its income, as may seem expedient, to the extension of its utility, and the adequate compensation of those whose time and talents are devoted to its interest. Unfortunately an opinion seems to have prevailed, that the establishment was not of sufficient importance to require any particular legislative attention. Should Congress see proper to appoint a committee of their honorable body, to examine its present condition, perhaps the report of that committee would induce a different impression: and if viewed in relation to those useful arts and manufactures that are becoming every day of more importance to this great and growing empire, its protection and encouragement must, undoubtedly, appear an object of national importance.

All which is respectfully submitted.

Patent Office, December 1st, 1831.

PATENT INFORMATION CLEARINGHOUSE
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SUNNYVALE, CALIFORNIA 94087

